

URBAN/MUNICIPAL
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1995

ENVIRONMENTAL SERVICES

DEPARTMENT

1995

URBAN MUNICIPAL

FEB 21 1995

GOVERNMENT DOCUMENTS

OPERATING BUDGET



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SCHEDULE "B"
ENVIRONMENTAL SERVICES DEPARTMENT
SUMMARY OF EXPENSES AND REVENUE
1995 OPERATING BUDGET

| <u>Programs</u> | <u>1994 Budget</u> | <u>1994 Actual</u> | <u>1995 Existing Budget</u> | <u>1995 Proposed Budget</u> | <u>1994 Vs. 1995 Existing Budget</u> | <u>1994 Vs. 1995 Proposed Budget</u> | <u>% Increase Existing</u> | <u>% Increase Proposed</u> |
|--|--|------------------------|-------------------------------------|-------------------------------------|--|--|------------------------------------|------------------------------------|
| EXPENDITURES: | | | | | | | | |
| <i>DISCRETIONARY:</i> | | | | | | | | |
| Waste Management * | 18,004,762 | 16,924,030 | 17,946,940 | 17,939,340 | (57,822) | (65,422) | | |
| Waterworks ** | 15,676,860 | 20,871,964 | 16,962,570 | 16,919,450 | 1,285,710 | 1,242,590 | | |
| Sanitary Sewers ** | 14,126,815 | 12,908,733 | 14,535,395 | 14,508,575 | 408,580 | 381,760 | | |
| Storm Sewers *** | 1,360,890 | 1,039,501 | 1,348,318 | 1,338,858 | (12,572) | (22,032) | | |
| TOTAL DISCRETIONARY EXPENDITURES | 49,169,327 | 51,744,228 | 50,793,223 | 50,706,223 | 1,623,896 | 1,536,896 | 3.30% | 3.13% |
| <i>FINANCIAL EXPENSES - FIXED:</i> | | | | | | | | |
| Waste Management * | 676,830 | 677,130 | 858,830 | 858,830 | 182,000 | 182,000 | | |
| Waterworks ** | 16,108,840 | 16,178,673 | 15,825,240 | 15,868,360 | (283,600) | (240,480) | | |
| Sanitary Sewers ** | 18,146,255 | 19,273,957 | 17,688,025 | 17,714,845 | (458,230) | (431,410) | | |
| Storm Sewers *** | 8,076,000 | 8,095,707 | 8,310,840 | 8,320,300 | 234,840 | 244,300 | | |
| TOTAL FIXED EXPENDITURES | 43,007,925 | 44,225,467 | 42,682,935 | 42,762,335 | (324,990) | (245,590) | -0.76% | -0.57% |
| TOTAL EXPENDITURES | 92,177,252 | 95,969,695 | 93,476,158 | 93,468,558 | 1,298,906 | 1,291,306 | 1.41% | 1.40% |
| ===== | | | | | | | | |
| REVENUES: | | | | | | | | |
| User Fees | 60,764,255 | 60,338,874 | 62,590,725 | 62,590,725 | 1,826,470 | 1,826,470 | | |
| Subsidy | 2,046,810 | 1,184,910 | 1,641,140 | 1,641,140 | (405,670) | (405,670) | | |
| Cost Recoveries | 330,100 | 337,826 | 346,180 | 346,180 | 16,080 | 16,080 | | |
| Internal Sources | 5,862,075 | 12,093,331 | 5,635,755 | 5,635,755 | (226,320) | (226,320) | | |
| Special Levy | 8,043,050 | 7,713,637 | 8,043,008 | 8,043,008 | (42) | (42) | | |
| General Levy | 15,130,962 | 14,301,117 | 15,219,350 | 15,211,750 | 88,388 | 80,788 | | |
| TOTAL REVENUES | 92,177,252 | 95,969,695 | 93,476,158 | 93,468,558 | 1,298,906 | 1,291,306 | 1.41% | 1.40% |
| ===== | | | | | | | | |
| <i>COST PERCENTAGE ANALYSIS:</i> | | | | | | | | |
| % DISCRETIONARY | 53.34% | 53.92% | 54.34% | 54.25% | 125.02% | 119.02% | | |
| % FIXED | 46.66% | 46.08% | 45.66% | 45.75% | -25.02% | -19.02% | | |
| | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | | |
| ===== | | | | | | | | |
| LABOUR COSTS | 17,359,435 | 17,212,482 | 10,301,256 | 10,298,556 | (7,058,179) | (7,060,879) | -40.66% | -40.67% |
| ===== | | | | | | | | |
| <i>LABOUR RELATED PERCENT OF DISCRETIONARY EXPENDITURES</i> | 35.31% | 33.26% | 20.28% | 20.31% | | | | |
| * Met By General Levy | | | | | | | | |
| ** Met By User Rates | | | | | | | | |
| *** Met By Special Levy | | | | | | | | |
| NOTE: PUMC Labour Costs for 1995 included in contracts for Water, Sanitary, and Storm Plant & Outstations | | | | | | | | |
| | | | 7,253,050 | 7,253,050 | | | | |
| ===== | | | | | | | | |
| Total Labour Cost including PUMC = | | | 17,554,306 | 17,551,606 | 194,871 | 192,171 | 1.12% | 1.11% |
| ===== | | | | | | | | |
| EXPLANATION OF REVENUES: | | | | | | | | |
| User Fees: | includes sewer/water rates, local improvements and development service revenues, rentals and leases, and special sewer and water agreements. | | | | | | | |
| Subsidy: | includes general support grant, MTO subsidy, MOEE subsidy, and other applicable grants and subsidies. | | | | | | | |
| Cost Recoveries: | includes recoverable services from external sources. | | | | | | | |
| Internal Sources: | includes interest, transfers from capital and reserve funds. | | | | | | | |

**ENVIRONMENTAL
SERVICES
DEPARTMENT**

**1995
CURRENT
BUDGET**

WATERWORKS

REGIONAL MUNICIPALITY OF HAMILTON-WENTWORTH

1995 CURRENT BUDGET

DEPARTMENT:
PROGRAM:

ENVIRONMENTAL SERVICES
WATERWORKS

PROGRAM DESCRIPTION

PURPOSE:

To continuously supply potable water to domestic, commercial and industrial consumers in sufficient quantity and at adequate pressure to satisfy the user needs.

OBJECTIVES:

To provide continuous uninterrupted operation of the water supply system.

To operate and maintain a water treatment plant to purify approximately 105,000,000 m³ of potable water.

To maintain a distribution system, consisting of approximately 2,000 km of watermains with a working pressure in a range of 270 kPa to 700 kPa to meet the maximum normal demand including fire fighting requirements at acceptable pressures.

To operate and maintain booster pumping stations with standby electrical generators and reservoirs with a combined storage capacity of approximately 820,000 m³.

To maintain communal well systems, to provide approximately 210,000m³ of potable water.

To store sufficient water to supply water to customers for 24 hours without electrical power.

PERFORMANCE MEASUREMENT:

To meet or improve upon water quality objectives for drinking water as established by the Ministry of the Environment and Environment Canada using the following parameters:

| | |
|-------------------------|------------------------|
| Chlorine | 0.75 to 1.00 mg/L |
| Fluoride | 1.00 to 1.02 mg/L |
| Turbidity | 0.10 to 0.50 NTU |
| Colour | < 5 Total Colour Units |
| Fecal Coliform Bacteria | 0 (organisms/100 ML) |
| Total Coliform Bacteria | 0 (organisms/100 mL) |

PROGRAM COST SUMMARY

DEPARTMENT: ENVIRONMENTAL SERVICES
PROGRAM : WATER WORKS

| | | 1994 VS. 1995 | | | | | | |
|--------------------|--------------------------------------|----------------|----------------|------------------|----------------|----------------------------|---------------------------|---------------------------|
| ACCOUNT NUMBER | DESCRIPTION | 1994 BUDGET | 1994 ACTUAL | 1995 EXISTING | 1995 CHANGE | 1995 PROPOSED BUDGET | % INCREASE EXISTING | % INCREASE PROPOSED |
| EXPENDITURES | | | | | | | | |
| 405101 | Water Combined Services | 3,809,325 | 3,795,544 | 2,318,629 | (9,800) | 2,308,829 | | |
| 405104 | Computer Control System | 75,300 | 53,416 | 0 | | 0 | | |
| 405150 | Water Treatment – Maintenance | 1,105,800 | 1,094,167 | 0 | | 0 | | |
| 405201 | Water Storage Operations | 9,800 | 10,278 | 0 | | 0 | | |
| 405300 | Water Pumping Stations Operations | 1,699,500 | 1,599,535 | 0 | | 0 | | |
| 405401 | Wells Operations | 35,000 | 32,405 | 0 | | 0 | | |
| 405501 | Water Treatment Operations | 3,400,910 | 3,309,183 | 0 | | 0 | | |
| 405600 | Water Infrastructure Maintenance | 5,541,225 | 10,977,435 | 6,992,870 | (33,320) | 6,959,550 | | |
| 405800 | Water Works Financial Expenses | 16,108,840 | 16,178,673 | 15,825,240 | 43,120 | 15,868,360 | | |
| 405801 | PUMC Contracts | 0 | 0 | 7,651,074 | | 7,651,074 | | |
| TOTAL EXPENDITURES | | 31,785,700 | 37,050,637 | 32,787,810 | | 32,787,810 | 3.15% | 3.15% |
| REVENUES | | | | | | | | |
| 405303 | Recoverable Services – Stelco | 195,800 | 231,446 | 224,157 | | 224,157 | | |
| 405800 | Transfer from Dev. Charge Res. | 1,198,000 | 1,165,080 | 1,326,000 | | 1,326,000 | | |
| 405800 | Transfer from Reserve Debt Repayment | 26,000 | 25,534 | 26,000 | | 26,000 | | |
| 405800 | Local Improvement Commutations | 32,870 | 131,231 | 100,000 | | 100,000 | | |
| 405900 | Water – Metered Services | 22,346,090 | 22,480,983 | 23,691,860 | | 23,691,860 | | |
| 405900 | Penalties | 33,710 | 100,135 | 35,925 | | 35,925 | | |
| 405900 | Interest | 6,350 | 6,350 | 15,820 | | 15,820 | | |
| 405901 | Water – Non – Metered Services | 6,130,970 | 6,119,746 | 5,889,610 | | 5,889,610 | | |
| 405902 | Sale of Water – Other | 39,540 | 88,833 | 39,540 | | 39,540 | | |
| 405902 | Sale of Water – Haldimand Norfolk | 0 | 0 | 91,000 | | 91,000 | | |
| 405904 | Local Improvement Recoveries | 727,890 | 624,387 | 625,000 | | 625,000 | | |
| 405904 | Development Service | 149,100 | 63,095 | 70,000 | | 70,000 | | |
| 405906 | Fees, Permits, Agreements | 233,560 | 216,517 | 233,560 | | 233,560 | | |
| 405907 | Water Fountains | 4,590 | 5,580 | 4,590 | | 4,590 | | |
| 405907 | Transfer from Reserve – No Debt | 0 | 1,000,000 | 0 | | 0 | | |
| 405907 | Transfer from Reserve – Debt | 0 | 3,601,315 | 0 | | 0 | | |
| 405907 | Transfer from Reserve | 661,430 | 1,190,405 | 328,710 | | 328,710 | | |
| 405907 | U.S. Exchange Transfer | 0 | 0 | 86,040 | | 86,040 | | |
| TOTAL REVENUES | | 31,785,700 | 37,050,637 | 32,787,810 | | 32,787,810 | 3.15% | 3.15% |

OBJECT SUMMARY

PROGRAM : WATER WORKS

| | | | | | | 1994 VS. 1995 | | |
|--------------------|---|------------|------------|------------|----------|-----------------|-------------------|-------------------|
| ACCOUNT | | 1994 | 1994 | 1995 | 1995 | 1995 | % | % |
| NUMBER | DESCRIPTION | BUDGET | ACTUAL | EXISTING | CHANGE | PROPOSED BUDGET | INCREASE EXISTING | INCREASE PROPOSED |
| <hr/> | | | | | | | | |
| 405000 | EXPENDITURES | | | | | | | |
| 51101 | Wages | 838,870 | 714,662 | 0 | 0 | 0 | | |
| 51702 | Overtime | 10,915 | 52,314 | 0 | 0 | 0 | | |
| 51739 | Meals | 0 | 100 | 0 | 0 | 0 | | |
| 51801 | Benefits | 168,960 | 157,226 | 0 | 0 | 0 | | |
| 52001 | Debenture Debt Charges | 2,461,000 | 2,440,518 | 2,291,000 | 0 | 2,291,000 | | |
| 52003 | Debt Charges - U.S. Exchange | 0 | 0 | 86,040 | 0 | 86,040 | | |
| 52204 | Property Taxes/GIL | 1,310,570 | 1,283,000 | 128,375 | 0 | 128,375 | | |
| 53103 | Chemicals | 413,995 | 403,470 | 0 | 0 | 0 | | |
| 53231 | Motor Vehicle Charges | 20,700 | 20,700 | 0 | 0 | 0 | | |
| 53402 | Protective Clothing | 3,400 | 3,400 | 0 | 0 | 0 | | |
| 53901 | Operating Supplies | 0 | 7,289 | 0 | 0 | 0 | | |
| 54012 | Repairs Radio Equipment | 3,900 | 3,505 | 0 | 0 | 0 | | |
| 55005 | Rent | 3,500 | 3,629 | 0 | 0 | 0 | | |
| 56003 | Hydro | 3,079,200 | 3,007,428 | 0 | 0 | 0 | | |
| 56018 | Data Line | 26,200 | 14,438 | 0 | 0 | 0 | | |
| 56021 | Steam | 150,000 | 131,268 | 0 | 0 | 0 | | |
| 56022 | Purchase from Grimsby | 24,800 | 24,800 | 0 | 0 | 0 | | |
| 56024 | Offsite Telephones | 30,900 | 28,920 | 0 | 0 | 0 | | |
| 56507 | Hardware Maintenance Payments | 17,500 | 7,378 | 0 | 0 | 0 | | |
| 56901 | Contractual Services | 4,600 | 10,000 | 0 | 0 | 0 | | |
| 57752 | Refund of Local Imp. Charges | 3,000 | 35,062 | 25,000 | 0 | 25,000 | | |
| 58002 | Transfer to Capital | 9,323,000 | 9,404,589 | 9,058,000 | 0 | 9,058,000 | | |
| 58022 | Internal Debt Charges | 2,935,000 | 2,934,625 | 2,525,000 | 0 | 2,525,000 | | |
| 58022 | Internal Debt Charges - Frozen Services | 0 | 0 | 477,800 | 0 | 477,800 | | |
| 58039 | To Water Works Reserve (LI) | 29,870 | 92,914 | 75,000 | 0 | 75,000 | | |
| 58045 | To Reserve-Development Service | 149,100 | 63,095 | 70,000 | 0 | 70,000 | | |
| 58048 | To Prod. Enhanc. (PEP) | 0 | 834 | 0 | 0 | 0 | | |
| 58640 | To General Levy | 248,960 | 248,960 | 248,960 | 43,120 | 292,080 | | |
| 58601 | C.A. - Admin. Current | 1,109,575 | 1,142,840 | 865,860 | (7,700) | 858,160 | | |
| 58605 | C.A. - Clerks | 28,440 | 28,440 | 28,440 | 0 | 28,440 | | |
| 58606 | C.A. - Human Resources | 42,630 | 42,630 | 21,580 | 0 | 21,580 | | |
| 58607 | C.A. - Solicitor | 9,740 | 9,740 | 9,087 | 0 | 9,087 | | |
| 58608 | C.A. - Finance | 661,320 | 661,350 | 702,700 | 0 | 702,700 | | |
| 58617 | C.A. - H.S.R. | 33,300 | 33,300 | 500 | 0 | 500 | | |
| 58623 | C.A. - Sewage | 388,190 | 383,392 | 0 | 0 | 0 | | |
| 58637 | C.A. - Insurance | 314,040 | 314,040 | 314,040 | 0 | 314,040 | | |
| 58650 | C.A. - Pay Equity | 6,320 | 6,320 | 6,320 | 0 | 6,320 | | |
| 58653 | C.A. - Purchasing | 5,160 | 5,160 | 4,807 | 0 | 4,807 | | |
| 58659 | C.A. - Meter Maintenance | 430,390 | 430,390 | 390,040 | 0 | 390,040 | | |
| 58682 | C.A. - Facilities | 28,260 | 32,720 | 49,100 | 0 | 49,100 | | |
| 58683 | C.A. - Transportation Services | 458,160 | 436,940 | 427,020 | 0 | 427,020 | | |
| 58690 | C.A. - Workers Compensation | 26,880 | 22,900 | 16,728 | 0 | 16,728 | | |
| 58736 | C.A. - Regional Labs | 338,300 | 334,750 | 339,200 | (2,100) | 337,100 | | |
| 58746 | C.A. - Sanitary | 1,105,800 | 1,094,167 | 0 | 0 | 0 | | |
| 56947 | PUMC-Water - Plants | 0 | 0 | 4,870,646 | 0 | 4,870,646 | | |
| 56948 | PUMC-Water - Outstations | 0 | 0 | 3,052,770 | 0 | 3,052,770 | | |
| 57787 | PUMC - Water - Cost Recovery | 0 | 0 | (289,070) | 0 | (289,070) | | |
| 58633 | Water Infrastructure Maintenance | 5,541,225 | 10,977,435 | 6,992,870 | (33,320) | 6,959,550 | | |
| TOTAL EXPENDITURES | | 31,785,670 | 37,050,637 | 32,787,811 | 0 | 32,787,810 | 3.15% | 3.15% |
| <hr/> | | | | | | | | |
| 405000 | REVENUES | | | | | | | |
| 405303 | Recoverable Services | 195,600 | 231,446 | 224,157 | 0 | 224,157 | | |
| 405800 | Transfer from Dev. Charge Res. | 1,198,000 | 1,165,080 | 1,326,000 | 0 | 1,326,000 | | |
| 405800 | Local Improvement Commutations | 32,870 | 131,231 | 100,000 | 0 | 100,000 | | |
| 405900 | Water-Metered Services | 22,346,090 | 22,480,983 | 23,691,860 | 0 | 23,691,860 | | |
| 405900 | Penalties | 33,710 | 100,135 | 35,925 | 0 | 35,925 | | |
| 405900 | Interest | 6,350 | 6,350 | 15,820 | 0 | 15,820 | | |
| 405901 | Water-Non-Metered Services | 6,130,970 | 6,119,746 | 5,889,610 | 0 | 5,889,610 | | |
| 405902 | Sale of Water-Other | 39,540 | 88,833 | 39,540 | 0 | 39,540 | | |
| 405902 | Sale of Water - Haldimand Norfolk | 0 | 0 | 91,000 | 0 | 91,000 | | |
| 405904 | Local Improvement Recoveries | 727,890 | 624,387 | 625,000 | 0 | 625,000 | | |
| 405904 | Development Service | 149,100 | 63,095 | 70,000 | 0 | 70,000 | | |
| 405906 | Fees, Permits, Agreements | 233,560 | 216,517 | 233,560 | 0 | 233,560 | | |
| 405906 | Transfer from Reserve - No Debt | 0 | 1,000,000 | 0 | 0 | 0 | | |
| 405906 | Transfer from Reserve - Debt | 0 | 3,601,315 | 0 | 0 | 0 | | |
| 405907 | U.S. Exchange Reserve | 0 | 0 | 86,040 | 0 | 86,040 | | |
| 405907 | Water Fountains | 4,590 | 5,580 | 4,590 | 0 | 4,590 | | |
| 405907 | Transfer from Reserve Debt Repayment | 26,000 | 25,534 | 26,000 | 0 | 26,000 | | |
| 405907 | Transfer from Reserve | 661,430 | 1,190,405 | 328,710 | 0 | 328,710 | | |
| TOTAL REVENUES | | 31,785,700 | 37,050,637 | 32,787,810 | 0 | 32,787,810 | 3.15% | 3.15% |
| <hr/> | | | | | | | | |

ACTIVITY COST SUMMARY

PROGRAM: WATERWORKS
ACTIVITY: COMBINED SERVICES

| ACCOUNT NUMBER DESCRIPTION | 1994 BUDGET | 1994 ACTUAL | 1995 EXISTING | 1995 CHANGE | 1995 PROPOSED BUDGET | 1994 VS. 1995 | |
|--------------------------------------|----------------|----------------|------------------|----------------|----------------------------|---------------------------|---------------------------|
| | | | | | | % INCREASE EXISTING | % INCREASE PROPOSED |
| 405101 EXPENDITURES | | | | | | | |
| 52204 Property Taxes/G.I.L. | 1,310,570 | 1,283,000 | 128,375 | | 128,375 | | |
| 58022 Purchase from Grimsby | 24,800 | 24,800 | 0 | | 0 | | |
| 58048 To Prod. Enhance (PEP) | 0 | 834 | 0 | | 0 | | |
| 58601 C.A. - Admin- Current | 1,109,575 | 1,142,840 | 865,860 | (7,700) | 858,160 | | |
| 58683 C.A. - Transportation Services | 458,160 | 436,940 | 427,020 | | 427,020 | | |
| 58682 C.A. - Facilities | 28,260 | 32,720 | 49,100 | | 49,100 | | |
| 58605 C.A. - Clerks | 28,440 | 28,440 | 28,440 | | 28,440 | | |
| 58606 C.A. - Human Resources | 42,630 | 42,630 | 21,580 | | 21,580 | | |
| 58607 C.A. - Solicitor | 9,740 | 9,740 | 9,087 | | 9,087 | | |
| 58608 C.A. - Finance | 132,830 | 132,830 | 124,300 | | 124,300 | | |
| 58617 C.A. - H.S.R. | 500 | 500 | 500 | | 500 | | |
| 58736 C.A. - Regional Labs | 338,300 | 334,750 | 339,200 | (2,100) | 337,100 | | |
| 58637 C.A. - Insurance | 314,040 | 314,040 | 314,040 | | 314,040 | | |
| 58650 C.A. - Pay Equity | 6,320 | 6,320 | 6,320 | | 6,320 | | |
| 58653 C.A. - Purchasing | 5,160 | 5,160 | 4,807 | | 4,807 | | |
| TOTAL EXPENDITURES | 3,809,325 | 3,795,544 | 2,318,629 | (9,800) | 2,308,829 | -39.13% | -39.39% |

1995 Proposed Budget

52204 1995 Taxes/G.I.L. do not include any Plant & Outstation related properties.
(See PUMC Contracts Appendix 'A')

Taxes

| | | | |
|---|--------|---|---------|
| Ancaster | | | |
| Sulphur Springs Rd. - Watermain easement | 61 | | |
| Flamborough | | | |
| Noble Kirk Dr. - Vacant property | 553 | Flamborough | |
| Hamilton St. N. - vacant property | 239 | Hamilton St. N. - leased for landscaping | 382 |
| Allen Lane - vacant property | 461 | Hamilton | |
| Highway 99 - vacant land | 42 | 140 Kenilworth N. - pipeline prop. leased | 397 |
| Hamilton | | 255 Fairfield - pipeline prop. leased | 20 |
| 34 Martha St. - Pipeline | 2,488 | 310 Paling - pipeline prop. leased | 871 |
| 2050 Barton St. E. - Pipeline | 9,951 | 1573,1563 Barton St. E. - pipeline prop. leased | 4,028 |
| 300 Van Wagners Bch. Rd. - easement for intakes | 2,020 | 455 Rennie - pipeline prop. leased | 1,270 |
| 1201 & 1203 Main St. E. - Pipeline | 21,663 | 1884 Brampton - pipeline prop. leased | 1,282 |
| 129 & 140 Kenilworth Ave. N. - Pipeline | 3,741 | 827 Woodward - pipeline prop. leased | 715 |
| 152 Crosthwaite - Pipeline | 1,242 | 164 Mead - pipeline prop. leased | 462 |
| 351 Britannia - Pipeline | 1,284 | 762 Concession - watermain easement | 135 |
| 216 Cope St. - Pipeline | 1,263 | 231 Ferguson - pump stn. prop. leased | 988 |
| 224 Tragina Ave. N. - Pipeline | 1,439 | 60 Greenhill - reservoir prop. leased | 20 |
| 255 & 258 Fairfield Ave. - Pipeline | 3,128 | Stoney Creek | |
| 310 Paling - Pipeline | 3,751 | 476 Jones Rd. - prop. leased to farmer | 203 |
| 300 Strathearn Ave. - Pipeline | 3,108 | | |
| 1572,1573,1563 Barton St. E. - Pipeline | 5,239 | | 128,375 |
| 415 Parkdale Ave. N. - Pipeline | 11,412 | | |
| 451,422 & 453 Rennie St. - Pipeline | 14,609 | | |
| 1884,1888 & 1909 Brampton - Pipeline | 8,594 | | |
| 827,831 & 885 Woodward - Pipeline | 6,192 | | |
| 175 Mead - Pipeline | 299 | | |
| 660 Knox - pipeline prop. leased | 5,131 | | |
| 700 Tate - pipeline prop. leased | 744 | | |
| 199 Glow - pipeline prop. leased | 2,643 | | |
| 726 Dunn - pipeline prop. leased | 4,404 | | |
| 224 Grace - pipeline prop. leased | 1,900 | | |

As part of the PUMC contract, the Corporation is required to reduce corporate overhead for those services presently provided to the Plant and charged to the water and sanitary rates and storm sewer levy. The reduction is being phased over a 3 year period. The annual reduction to the water program is as follows:

| | | |
|----------------------------|----------|----------|
| 58606 C.A. Human Resources | (21,050) | |
| 58607 C.A. Legal | (653) | |
| 58608 C.A. Finance | (8,530) | |
| 58653 C.A. Purchasing | (353) | (30,586) |

58682 Waterworks share of the facilities cost is higher due to custodian services provided by Regional Facilities. Overall cost to the waterworks program is the same for this since the cost of one custodian has not been transferred to PUMC.

NOW FORMS PART OF THE PUMC CONTRACTS
SEE APPENDIX 'A'

ACTIVITY : WATER TREATMENT
SUB-ACTIVITY: COMPUTER CONTROL SYSTEM

| ACCOUNT NUMBER DESCRIPTION | 1994 BUDGET | 1994 ACTUAL | 1995 EXISTING | 1995 CHANGE | 1995 PROPOSED BUDGET | 1994 VS. 1995 | |
|-------------------------------|----------------|----------------|------------------|----------------|----------------------------|---------------------------|---------------------------|
| | | | | | | % INCREASE EXISTING | % INCREASE PROPOSED |
| 405104 EXPENDITURES | | | | | | | |
| 58018 Data Line | 25,000 | 13,238 | 0 | | 0 | | |
| 58507 Hardware Maintenance | 17,500 | 7,378 | 0 | | 0 | | |
| 58617 C.A. - H.S.R. | 32,800 | 32,800 | 0 | | 0 | | |
| TOTAL EXPENDITURES | 75,300 | 53,416 | 0 | | 0 | -100.00% | -100.00% |

1994 Actual

58018 1994 actual low due to additional locations being
58507 brought on line later in the year than originally estimated.

ACTIVITY : WATER TREATMENT
SUB-ACTIVITY: MAINTENANCE & OPERATIONS

ACTIVITY COST SUMMARY

| ACCOUNT NUMBER DESCRIPTION | 1994 BUDGET | 1994 ACTUAL | 1995 EXISTING | 1995 CHANGE | 1995 PROPOSED BUDGET | 1994 VS. 1995 | |
|-------------------------------|----------------|----------------|------------------|----------------|----------------------------|---------------------------|---------------------------|
| | | | | | | % INCREASE EXISTING | % INCREASE PROPOSED |
| 405150 EXPENDITURES | | | | | | | |
| 58746 C.A. - Sanitary | 1,105,800 | 1,094,167 | 0 | | 0 | | |
| TOTAL EXPENDITURES | 1,105,800 | 1,094,167 | 0 | | 0 | -100.00% | -100.00% |

Waterworks share of costs previously budgeted in the sanitary sewer
program related to the maintenance and operations of the Water Treatment
Facility, the Reservoirs, Wells and Water Pumping Stations.

ACTIVITY : WATER STORAGE
SUB-ACTIVITY : OPERATIONS

NOW FORMS PART OF THE PUMC CONTRACTS
SEE APPENDIX "A"

| ACCOUNT NUMBER DESCRIPTION | 1994 BUDGET | 1994 ACTUAL | 1995 EXISTING | 1995 CHANGE | 1995 PROPOSED BUDGET | 1994 VS. 1995 | |
|-------------------------------|----------------|----------------|------------------|----------------|----------------------------|---------------------------|---------------------------|
| | | | | | | % INCREASE EXISTING | % INCREASE PROPOSED |
| 405201 EXPENDITURES | | | | | | | |
| 56003 Hydro | 9,800 | 10,278 | 0 | | 0 | | |
| TOTAL EXPENDITURES | 9,800 | 10,278 | 0 | 0 | 0 | -100.00% | -100.00% |

1994 Actual

56003 Higher than budget due to a colder Jan. - Mar. than in previous years.

ACTIVITY : WATER PUMPING STATIONS
SUB-ACTIVITY : OPERATIONS

NOW FORMS PART OF THE PUMC CONTRACTS
SEE APPENDIX "A"

| ACCOUNT NUMBER DESCRIPTION | 1994 BUDGET | 1994 ACTUAL | 1995 EXISTING | 1995 CHANGE | 1995 PROPOSED BUDGET | 1994 VS. 1995 | |
|-------------------------------|----------------|----------------|------------------|----------------|----------------------------|---------------------------|---------------------------|
| | | | | | | % INCREASE EXISTING | % INCREASE PROPOSED |
| 405301 EXPENDITURES | | | | | | | |
| 55005 Rent | 3,500 | 3,629 | 0 | | 0 | | |
| 53103 Chemicals | 7,000 | 3,470 | 0 | | 0 | | |
| 53231 Motor Vehicle Charges | 9,600 | 9,600 | 0 | | 0 | | |
| 56003 Hydro | 1,472,200 | 1,341,771 | 0 | | 0 | | |
| 56024 Offsite telephones | 11,600 | 9,620 | 0 | | 0 | | |
| TOTAL EXPENDITURES | 1,503,900 | 1,368,090 | 0 | 0 | 0 | -100.00% | -100.00% |

1994 Actual

56003 1994 actual low due to Hydro allowing two major water pumping stations W-H5 and W-H5A to go on "time-of-use" billing.
Also Sewage Pumping Station on Twenty Road charged here in error, has been corrected.

53103 Overbudgeted in error.

PROGRAM: RECOVERABLE SERVICES
 ACTIVITY: STELCO RAW WATER PUMPING STATION

NOW FORMS PART OF THE PUMC CONTRACTS
 SEE APPENDIX "A"

ACCOUNT
 NUMBER DESCRIPTION

405303 EXPENDITURES

53901 Operating Supplies
 56003 Hydro

TOTAL EXPENDITURES

REVENUES

45001 Sale of Services

| 1994 BUDGET | 1994 ACTUAL | 1995 EXISTING | 1995 CHANGE | 1995 PROPOSED BUDGET | 1994 VS. 1995 | |
|----------------|----------------|------------------|----------------|----------------------------|---------------------------|---------------------------|
| | | | | | % INCREASE EXISTING | % INCREASE PROPOSED |
| 0 | 7,289 | 0 | | 0 | | |
| 195,600 | 224,157 | 0 | | 0 | | |
| 195,600 | 231,446 | 0 | 0 | 0 | -100.00% | -100.00% |
| ===== | | | | | | |
| 195,600 | 231,446 | 224,157 | 0 | 224,157 | | |
| 195,600 | 231,446 | 224,157 | 0 | 224,157 | 14.60% | 14.60% |
| ===== | | | | | | |

1995 Proposed Budget Includes:

45001 The Region will continue to bill Stelco for
 costs associated with the Raw Water Pumping Station.
 P.U.M.C. will provide the Region with the billing information.

ACTIVITY : WELLS
 SUB-ACTIVITY : OPERATIONS

NOW FORMS PART OF THE PUMC CONTRACTS
 SEE APPENDIX "A"

ACCOUNT
 NUMBER DESCRIPTION

405401 EXPENDITURES

53231 Motor Vehicle Charges
 56003 Hydro

TOTAL EXPENDITURES

| 1994 BUDGET | 1994 ACTUAL | 1995 EXISTING | 1995 CHANGE | 1995 PROPOSED BUDGET | 1994 VS. 1995 | |
|----------------|----------------|------------------|----------------|----------------------------|---------------------------|---------------------------|
| | | | | | % INCREASE EXISTING | % INCREASE PROPOSED |
| 4,500 | 4,500 | 0 | | 0 | | |
| 30,500 | 27,905 | 0 | | 0 | | |
| 35,000 | 32,405 | 0 | 0 | 0 | -100.00% | -100.00% |
| ===== | | | | | | |

ACTIVITY : WATER TREATMENT PLANT
SUB-ACTIVITY : OPERATIONS

NOW FORMS PART OF THE PUMC CONTRACTS
SEE APPENDIX 'A'

| ACCOUNT NUMBER DESCRIPTION | 1994 BUDGET | 1994 ACTUAL | 1995 EXISTING | 1995 CHANGE | 1995 PROPOSED BUDGET | 1994 VS. 1995 % | |
|---|----------------|----------------|------------------|----------------|----------------------------|----------------------|----------------------|
| | | | | | | INCREASE EXISTING | INCREASE PROPOSED |
| 405501 EXPENDITURES | | | | | | | |
| 51101 Wages | 838,870 | 714,662 | 0 | | 0 | | |
| 51702 Overtime | 10,915 | 52,314 | 0 | | 0 | | |
| 51739 Meal Allowance | 0 | 100 | 0 | | 0 | | |
| 51801 Benefits | 168,960 | 157,226 | 0 | | 0 | | |
| 53103 Chemicals | 406,995 | 400,000 | 0 | | 0 | | |
| 53231 Motor Vehicle Charges | 6,600 | 6,600 | 0 | | 0 | | |
| 53402 Protective Clothing | 3,400 | 3,400 | 0 | | 0 | | |
| 54012 Repairs Radio Equipment | 3,900 | 3,505 | 0 | | 0 | | |
| 56003 Hydro | 1,371,100 | 1,403,317 | 0 | | 0 | | |
| 56018 Data Line | 1,200 | 1,200 | 0 | | 0 | | |
| 56021 Steam | 150,000 | 131,268 | 0 | | 0 | | |
| 56024 Offsite Telephones | 19,300 | 19,300 | 0 | | 0 | | |
| 56901 Contractual Services | 4,600 | 10,000 | 0 | | 0 | | |
| 58623 C.A. - Sewage - Sanitary Backwash | 388,190 | 383,392 | 0 | | 0 | | |
| 58690 C.A. - Worker's Compensation | 26,880 | 22,900 | 0 | | 0 | | |
| TOTAL EXPENDITURES | 3,400,910 | 3,309,183 | 0 | 0 | 0 | -100.00% | -100.00% |

1994 Actual

51801

58690 1994 labour costs low due to restructuring and early retirement deletions.

51702 The downsizing there are now 3 employees per shift instead of 4 and when an employee is sick or on vacation, due to 24 hr. operation another employee is called in on overtime. Budget based on 15 hours per person at double time.

56003 1994 hydro actual high due to hydro off peak hours are now from 11:00 p.m. to 7:00 a.m. weekdays. The demand for water does not allow enough time to fill the reservoirs during off-peak hours. Pumps are running during on-peak hours to fill reservoirs at a premium cost.

PROGRAM : WATER WORKS
ACTIVITY: PUMC CONTRACTS - WATER ALLOCATION

| ACCOUNT NUMBER DESCRIPTION | 1994 BUDGET | 1994 ACTUAL | 1995 EXISTING | 1995 CHANGE | 1995 PROPOSED BUDGET | 1994 VS. 1995 | |
|------------------------------------|----------------|----------------|------------------|----------------|----------------------------|---------------------------|---------------------------|
| | | | | | | % INCREASE EXISTING | % INCREASE PROPOSED |
| 405801 EXPENDITURES | | | | | | | |
| 56947 PUMC-Water - Plants | 0 | 0 | 4,870,646 | | 4,870,646 | | |
| 56948 PUMC-Water - Outstations | 0 | 0 | 3,052,770 | | 3,052,770 | | |
| 58690 C.A. - Worker's Compensation | 0 | 0 | 18,728 | | 18,728 | | |
| 57787 PUMC - Water - Cost Recovery | 0 | 0 | (289,070) | | (289,070) | | |
| TOTAL EXPENDITURES | 0 | 0 | 7,651,074 | 0 | 7,651,074 | N/A | N/A |

See PUMC Appendix 'A' for details pertaining to these values.

1995 Proposed Budget Includes:

58690 Cost of Worker's Compensation liability for previous worker's compensation injuries which continue to be the Region's responsibility in accordance with the P.U.M.C. contract.

57787 The cost recovery details are as follows:

| | |
|--|-----------|
| 50% Guaranteed Savings - Indexed at 2% inflation | (250,000) |
| 50% Environ. Serv. Dept. Overhead | (51,500) |
| Less: Corporate Overhead - Phase-in -- Year 1 | 12,430 |
| | (289,070) |

DEPARTMENT: ENVIRONMENTAL SERVICES
PROGRAM: WATERWORKS

| ACCOUNT NUMBER | DESCRIPTION | 1994 BUDGET | 1994 ACTUAL | 1995 EXISTING | 1995 CHANGE | 1995 PROPOSED BUDGET | % INCREASE EXISTING | % INCREASE PROPOSED |
|-------------------|---------------------------------|----------------|----------------|------------------|----------------|----------------------------|---------------------------|---------------------------|
| ----- | | | | | | | | |
| 405600 | EXPENDITURES | | | | | | | |
| 58633 | C.A. - INFRASTRUCTURE | 5,541,225 | 10,977,435 | 6,992,870 | (33,320) | 6,959,550 | | |
| | TOTAL EXPENDITURES | 5,541,225 | 10,977,435 | 6,992,870 | (33,320) | 6,959,550 | 26.20% | 25.60% |
| ===== | | | | | | | | |
| 405600 | REVENUES | | | | | | | |
| | Transfer from Reserve (No Debt) | 0 | 1,000,000 | 0 | 0 | 0 | | |
| | Transfer from Reserve (Debt) | 0 | 3,601,315 | 0 | 0 | 0 | | |
| | TOTAL REVENUES | 0 | 4,601,315 | 0 | 0 | 0 | N/A | N/A |
| ===== | | | | | | | | |
| | NET EXPENDITURES | 5,541,225 | 6,376,120 | 6,992,870 | (33,320) | 6,959,550 | 26.20% | 25.60% |
| ===== | | | | | | | | |

Waterworks Portion of Infrastructure Maintenance Expenditures.

PROGRAM : WATER WORKS
ACTIVITY: FINANCIAL EXPENSES

1994 VS. 1995

| ACCOUNT NUMBER DESCRIPTION | 1994 BUDGET | 1994 ACTUAL | 1995 EXISTING | 1995 CHANGE | 1995 PROPOSED BUDGET | % INCREASE EXISTING | % INCREASE PROPOSED |
|---|----------------|----------------|------------------|----------------|----------------------------|---------------------------|---------------------------|
| <hr/> | | | | | | | |
| 405800 EXPENDITURES | | | | | | | |
| 52001 Debt Charges | 2,461,000 | 2,440,518 | 2,291,000 | | 2,291,000 | | |
| 52003 Debt Charges - U.S. Exchange | 0 | 0 | 86,040 | | 86,040 | | |
| 58002 Transfer from Current | 9,323,000 | 9,404,589 | 9,058,000 | | 9,058,000 | | |
| 58022 Internal Debt Charges | 2,935,000 | 2,934,625 | 2,525,000 | | 2,525,000 | | |
| 58022 Internal Debt Charges - Frozen Services | 0 | 0 | 477,800 | | 477,800 | | |
| 57752 Refund of Local Imp. Charges | 3,000 | 35,062 | 25,000 | | 25,000 | | |
| 58039 To Waterworks Reserve (LI) | 29,870 | 92,914 | 75,000 | | 75,000 | | |
| 58045 To Reserve Development Service | 149,100 | 63,095 | 70,000 | | 70,000 | | |
| 58640 To General Levy | 248,960 | 248,960 | 248,960 | 43,120 | 292,080 | | |
| 58608 C.A. - Finance | 528,520 | 528,520 | 578,400 | | 578,400 | | |
| 58659 C.A. - Meter Maintenance | 430,390 | 430,390 | 390,040 | | 390,040 | | |
| <hr/> | | | | | | | |
| TOTAL EXPENDITURES | 16,108,840 | 16,178,673 | 15,825,240 | | 15,868,360 | -1.76% | -1.49% |
| <hr/> | | | | | | | |
| 405800 REVENUE | | | | | | | |
| 45135 Local Improvement Commutations | 32,870 | 131,231 | 100,000 | | 100,000 | | |
| 45136 Development Services | 149,100 | 74,010 | 70,000 | | 70,000 | | |
| 47101 Contribution from Reserves | 0 | 81,589 | 0 | | 0 | | |
| 47117 Transfer from Res. | 26,000 | 25,534 | 26,000 | | 26,000 | | |
| 47121 U.S. Exchange Reserve | 0 | 0 | 86,040 | | 86,040 | | |
| 47109 Transfer from Dev. Charge Res. | 1,198,000 | 1,165,080 | 1,326,000 | | 1,326,000 | | |
| <hr/> | | | | | | | |
| TOTAL REVENUE | 1,405,970 | 1,477,444 | 1,608,040 | | 1,608,040 | 10.68% | 10.68% |
| <hr/> | | | | | | | |

**ENVIRONMENTAL
SERVICES
DEPARTMENT**

**1995
CURRENT
BUDGET**

SANITARY SEWER

REGIONAL MUNICIPALITY OF HAMILTON-WENTWORTH

1995 CURRENT BUDGET

DEPARTMENT:
PROGRAM:

ENVIRONMENTAL SERVICES
SEWAGE WORKS

PROGRAM DESCRIPTION

PURPOSE:

To collect and treat domestic, commercial and industrial sanitary sewage to meet effluent quality objectives established by the Ministry of Energy and Environment.

OBJECTIVES:

To provide continuous uninterrupted operation of gravity sewer collection system, sewage pumping stations and three waste water treatment plants.

To protect and/or improve the aquatic environment of the natural waterways receiving the discharges from the Regional treatment facilities.

PERFORMANCE MEASUREMENT:

To maintain and monitor the condition of approximately 580 Km of Combined Sewers and 470 Km of Sanitary sewers within the Region.

To operate and maintain the Region's Wastewater Pumping Stations.

To provide complete treatment of wastewater as follows:

| Average Daily | Hamilton | Dundas | Waterdown |
|---------------------|------------|-------------|------------|
| Serviced Population | 352,000 | 20,300 | 7,000 |
| Capacity | 409 ML/day | 18.3 ML/day | 2.7 ML/day |
| Flow | 380 ML/day | 13.0 ML/day | 2.0 ML/day |

To meet or exceed the following effluent criteria established by the Ministry of Energy and Environment for the three wastewater treatment plants:

| | Hamilton | Dundas | Waterdown |
|---|----------|--------|-----------|
| Suspended Solids (mg/L) | 25.0 | 5.0 | 5.0 |
| Suspended Solids (kg/d) | | 91.0 | |
| B.O.D. (Biochemical Oxygen Demand) (mg/L) | 25.0 | 5.0 | 5.0 |
| B.O.D. (kg/d) | | 91.0 | 20.5 * |
| Total Phosphorous (mg/L) | 1.0 | 0.50 | 0.50 |
| Total Phosphorous (kg/d) | | 9.10 | |
| T.K.N. (Total Kjeldahl Nitrogen) (mg/L) | 7.9 | | |
| T.K.N. Summer (mg/L) | | 2.0 | |
| T.K.N. Summer (kg/d) | | 36.4 | |
| T.K.N. Winter (mg/l) | | 10.0 | |
| T.K.N. Winter (kg/d) | | 182.0 | |
| Chlorine Residual (mg/l) | 0.5 | 0.5 | 0.5 |
| Fecal Coliform (org/100ml) | | 200.0 | |

* This is expressed in C of A as 45 lb BOD/day

DEPARTMENT: ENVIRONMENTAL SERVICES
PROGRAM : SEWAGE WORKS

| | | PROGRAM 1 - SEWAGE WORKS | | | | | 1994 VS. 1995 | |
|--------------------|--------------------------------------|--------------------------|----------------|------------------|----------------|----------------------------|---------------------------|---------------------------|
| ACCOUNT NUMBER | DESCRIPTION | 1994 BUDGET | 1994 ACTUAL | 1995 EXISTING | 1995 CHANGE | 1995 PROPOSED BUDGET | % INCREASE EXISTING | % INCREASE PROPOSED |
| EXPENDITURES | | | | | | | | |
| 406101 | Sanitary - Combined Services | 3,789,870 | 3,263,859 | 2,117,440 | (17,300) | 2,100,140 | | |
| 406105 | Computer Control System | 75,300 | 54,049 | 0 | | 0 | | |
| 406201 | Sewage Pumping Stations Operations | 171,830 | 165,938 | 0 | | 0 | | |
| 406301 | Hamilton W.W.T.P - Operations | 5,481,160 | 5,435,572 | 0 | | 0 | | |
| 406401 | Regional West-Dundas Operations | 512,020 | 542,531 | 0 | | 0 | | |
| 406501 | Regional West-Waterdown Operations | 224,500 | 214,628 | 0 | | 0 | | |
| 406600 | Sanitary Infrastructure Maint. | 1,180,825 | 494,145 | 1,219,820 | (9,520) | 1,210,300 | | |
| 406700 | Sewage Financial Expenses | 18,146,225 | 19,273,957 | 17,688,025 | 26,820 | 17,714,845 | | |
| 406800 | Treatment Plant - Maintenance | 2,691,340 | 2,738,013 | 0 | | 0 | | |
| 406808 | PUMC Contracts - Sanitary | 0 | 0 | 10,428,132 | | 10,428,132 | | |
| 406808 | Ash, Grit & Sludge Disposal | 0 | 0 | 770,000 | | 770,000 | | |
| TOTAL EXPENDITURES | | 32,273,070 | 32,182,690 | 32,223,420 | | 32,223,420 | -0.15% | -0.15% |
| REVENUES | | | | | | | | |
| 406900 | Sewer Rate - Metered | 20,711,585 | 20,437,362 | 21,179,475 | | 21,179,475 | | |
| 406900 | Penalties | 30,940 | 70,145 | 31,480 | | 31,480 | | |
| 406900 | Interest | 5,830 | 5,830 | 13,860 | | 13,860 | | |
| 406901 | Sewer Rate - Non-Metered | 5,732,930 | 5,806,955 | 5,428,160 | | 5,428,160 | | |
| 406904 | Local Improvement Recoveries | 2,050,000 | 2,134,940 | 2,194,940 | | 2,194,940 | | |
| 406904 | Development Service | 140,100 | 341,730 | 250,000 | | 250,000 | | |
| 406905 | Licenses and Permits | 298,480 | 0 | 298,480 | | 298,480 | | |
| 406905 | Sale of Steam | 150,000 | 131,268 | 0 | | 0 | | |
| 406906 | Recoverable Services - PUMC | 62,000 | 36,104 | 40,000 | | 40,000 | | |
| 406906 | C.A. - Water Treatment | 388,190 | 383,392 | 0 | | 0 | | |
| 406906 | Ash Disposal - Stelco Selenium | 52,200 | 53,018 | 56,800 | | 56,800 | | |
| 406906 | Transfer from Reserve (L.I.) | 94,310 | 366,616 | 250,000 | | 250,000 | | |
| 406906 | Transfer from Reserve | 997,005 | 267,772 | 836,415 | | 836,415 | | |
| 406906 | Transfer from Reserve - Dev. Charges | 1,383,000 | 1,082,494 | 1,364,000 | | 1,364,000 | | |
| 406906 | U.S. Exchange | 0 | 0 | 103,310 | | 103,310 | | |
| 406906 | Dev. Charg. Res. - O.L.C. Payments | 176,500 | 1,065,062 | 176,500 | | 176,500 | | |
| TOTAL REVENUES | | 32,273,070 | 32,182,690 | 32,223,420 | | 32,223,420 | -0.15% | -0.15% |

OBJECT SUMMARY

PROGRAM : SEWAGE WORKS

| ACCOUNT NUMBER | DESCRIPTION | 1994 BUDGET | 1994 ACTUAL | 1995 EXISTING | 1995 CHANGE | 1995 PROPOSED BUDGET | % INCREASE EXISTING | % INCREASE PROPOSED |
|--------------------|-------------------------------------|----------------|----------------|------------------|----------------|----------------------------|---------------------------|---------------------------|
| 400000 | EXPENDITURES | | | | | | | |
| 51101 | Wages | 3,859,914 | 3,780,396 | 0 | 0 | 0 | | |
| 51702 | Overtime | 46,705 | 160,297 | 0 | 0 | 0 | | |
| 51728 | Stand By & Trouble Calls | 90,000 | 91,823 | 0 | 0 | 0 | | |
| 57139 | Meal Allowance | 900 | 1,771 | 0 | 0 | 0 | | |
| 51801 | Benefits | 854,307 | 831,687 | 0 | 0 | 0 | | |
| 52001 | Debenture Debt Charges | 4,412,200 | 4,231,240 | 4,221,300 | 0 | 4,221,300 | | |
| 52003 | Debenture Debt F.E. | 0 | 0 | 103,310 | 0 | 103,310 | | |
| 52204 | Property Taxes | 1,021,470 | 990,900 | 6,560 | 0 | 6,560 | | |
| 52929 | M.O.E. Debt | 869,800 | 817,498 | 771,700 | 0 | 771,700 | | |
| 52938 | O.L.C. Payments | 176,500 | 124,500 | 176,500 | 0 | 176,500 | | |
| 53103 | Chemicals | 687,925 | 566,283 | 0 | 0 | 0 | | |
| 53231 | Motor Vehicle Charges | 109,430 | 109,430 | 0 | 0 | 0 | | |
| 53402 | Protective Clothing | 53,800 | 53,600 | 0 | 0 | 0 | | |
| 53901 | Operating Supplies | 18,100 | 20,135 | 0 | 0 | 0 | | |
| 53909 | New Equipment | 99,800 | 99,800 | 0 | 0 | 0 | | |
| 54012 | Repairs Radio Equipment | 3,500 | 2,619 | 0 | 0 | 0 | | |
| 54038 | Repairs - Equipment | 661,300 | 661,300 | 0 | 0 | 0 | | |
| 54201 | Repairs - Buildings | 258,900 | 258,900 | 0 | 0 | 0 | | |
| 54402 | Horticultural Services | 115,100 | 90,000 | 0 | 0 | 0 | | |
| 55011 | Rent Pager | 1,000 | 1,147 | 0 | 0 | 0 | | |
| 56003 | Hydro | 2,203,200 | 2,112,486 | 0 | 0 | 0 | | |
| 56006 | Water | 189,500 | 297,716 | 0 | 0 | 0 | | |
| 56008 | Natural Gas | 453,300 | 577,230 | 0 | 0 | 0 | | |
| 56018 | Data Line | 26,200 | 16,950 | 0 | 0 | 0 | | |
| 56024 | Offsite Telephones | 41,200 | 42,059 | 0 | 0 | 0 | | |
| 56413 | Medical Fees | 50,000 | 49,900 | 0 | 0 | 0 | | |
| 56420 | T.V. Inspection - Sewers | 140,000 | 79,309 | 140,000 | 0 | 140,000 | | |
| 56507 | Hardware Maintenance Payments | 17,500 | 5,000 | 0 | 0 | 0 | | |
| 56901 | Contractual Services | 51,700 | 50,164 | 0 | 0 | 0 | | |
| 56913 | Sewage Haulage | 10,930 | 7,889 | 0 | 0 | 0 | | |
| 56914 | Ash, Grit, and Sludge Disposal | 232,090 | 227,726 | 770,000 | 0 | 770,000 | | |
| 56916 | Fees for Services | (25,000) | (28,520) | 0 | 0 | 0 | | |
| 57752 | Refund of Loc. Imp. Charges | 3,000 | 87,814 | 50,000 | 0 | 50,000 | | |
| 58001 | Transfer to Reserve | 0 | 940,550 | 0 | 0 | 0 | | |
| 58002 | Transfer to Capital | 8,475,000 | 8,475,000 | 8,880,000 | 0 | 8,880,000 | | |
| 58022 | Internal Debt Charges | 2,637,000 | 2,637,000 | 1,658,000 | 0 | 1,658,000 | | |
| 58037 | To Sanitary Sewer Reserve (LI) | 91,310 | 277,310 | 200,000 | 0 | 200,000 | | |
| 58045 | To Reserve-Development Service | 140,100 | 341,730 | 250,000 | 0 | 250,000 | | |
| 58640 | To General Levy | 368,065 | 368,065 | 368,065 | 26,820 | 394,885 | | |
| 58601 | C.A. - Admin. Current | 968,575 | 1,020,400 | 492,400 | (3,700) | 488,700 | | |
| 58048 | To Prod. Enhance. Res. | 0 | 5,540 | 0 | 0 | 0 | | |
| 58605 | C.A. - Clerks | 28,440 | 28,440 | 28,440 | 0 | 28,440 | | |
| 58606 | C.A. - Human Resources | 42,630 | 42,630 | 21,580 | 0 | 21,580 | | |
| 58607 | C.A. - Solicitor | 9,740 | 9,740 | 9,087 | 0 | 9,087 | | |
| 58608 | C.A. - Finance | 686,080 | 686,080 | 737,155 | 0 | 737,155 | | |
| 58659 | C.A. Meter Maintenance | 430,390 | 430,390 | 406,100 | 0 | 406,100 | | |
| 58617 | C.A. - H.S.R. | 36,300 | 36,300 | 0 | 0 | 0 | | |
| 58637 | C.A. - Insurance | 238,670 | 238,670 | 238,670 | 0 | 238,670 | | |
| 58650 | C.A. - Pay Equity | 6,320 | 6,320 | 6,320 | 0 | 6,320 | | |
| 58653 | C.A. - Purchasing | 35,550 | 35,550 | 33,174 | 0 | 33,174 | | |
| 58682 | C.A. - Facilities | 28,230 | 32,680 | 50,500 | 0 | 50,500 | | |
| 58683 | C.A. - Transportation Services | 995,940 | 976,470 | 930,000 | 0 | 930,000 | | |
| 58690 | C.A. - Workers Compensation | 135,648 | 129,699 | 16,728 | 0 | 16,728 | | |
| 58736 | C.A. - Regional Labs | 284,200 | 271,046 | 278,800 | (500) | 278,100 | | |
| 58780 | C.A. - Waste Management | 1,114,985 | 1,050,344 | 1,091,400 | (10,400) | 1,081,000 | | |
| 58836 | C.A. - Waterworks | (1,105,800) | (1,094,167) | 0 | 0 | 0 | | |
| 58911 | C.A. - Storm Sewers | (17,800) | (5,389) | 0 | 0 | 0 | | |
| 58866 | C.A. - Waste Management | (1,271,600) | (1,670,900) | (1,343,400) | (2,700) | (1,346,100) | | |
| 58633 | Sanitary Infrastructure Maintenance | 1,180,825 | 494,145 | 1,219,820 | (9,520) | 1,210,300 | | |
| 56947 | PUMC - Sanitary - Plants | 0 | 0 | 10,086,725 | 0 | 10,086,725 | | |
| 56948 | PUMC - Sanitary - Outstations | 0 | 0 | 611,771 | 0 | 611,771 | | |
| 57787 | PUMC - Sanitary - Cost Recovery | 0 | 0 | (287,093) | 0 | (287,093) | | |
| TOTAL EXPENDITURES | | 32,273,070 | 32,182,690 | 32,223,420 | 0 | 32,223,420 | -0.15% | -0.15% |

ACTIVITY COST SUMMARY

ACTIVITY: COMBINED SERVICES

| ACCOUNT NUMBER | DESCRIPTION | | | | | 1994 VS. 1995 | | |
|-------------------|--------------------------------|----------------|----------------|------------------|----------------|----------------------------|---------------------------|---------------------------|
| | | 1994 BUDGET | 1994 ACTUAL | 1995 EXISTING | 1995 CHANGE | 1995 PROPOSED BUDGET | % INCREASE EXISTING | % INCREASE PROPOSED |
| 406101 | EXPENDITURES | | | | | | | |
| 52204 | Property Taxes/G.I.L. | 1,021,470 | 990,900 | 6,560 | | 6,560 | | |
| 56420 | T.V. Inspection - Sewers | 140,000 | 79,309 | 140,000 | | 140,000 | | |
| 58601 | C.A. - Admin. Current | 968,575 | 1,020,400 | 492,400 | (3,700) | 488,700 | | |
| 58683 | C.A. - Transportation Services | 995,940 | 976,470 | 930,000 | | 930,000 | | |
| 58682 | C.A. - Facilities | 28,230 | 32,680 | 50,500 | | 50,500 | | |
| 58605 | C.A. - Clerks | 28,440 | 28,440 | 28,440 | | 28,440 | | |
| 58606 | C.A. - Human Resources | 42,630 | 42,630 | 21,580 | | 21,580 | | |
| 58607 | C.A. - Solicitor | 9,740 | 9,740 | 9,087 | | 9,087 | | |
| 58608 | C.A. - Finance | 143,220 | 143,220 | 134,105 | | 134,105 | | |
| 58617 | C.A. - H.S.R. | 3,500 | 3,500 | 0 | | 0 | | |
| 58637 | C.A. - Insurance | 238,670 | 238,670 | 238,670 | | 238,670 | | |
| 58650 | C.A. - Pay Equity | 6,320 | 6,320 | 6,320 | | 6,320 | | |
| 58653 | C.A. - Purchasing | 35,550 | 35,550 | 33,174 | | 33,174 | | |
| 58048 | To Prod Enhance Res. (PEP) | 0 | 5,540 | 0 | | 0 | | |
| 58736 | C.A. - Regional Labs | 284,200 | 271,046 | 278,600 | (500) | 278,100 | | |
| 58780 | C.A. - Waste Management | 1,114,985 | 1,050,344 | 1,091,400 | (10,400) | 1,081,000 | | |
| 58866 | C.A. - Waste Management | (1,271,600) | (1,670,900) | (1,343,400) | (2,700) | (1,346,100) | | |
| | | 3,789,870 | 3,263,859 | 2,117,440 | (17,300) | 2,100,140 | -44.13% | -44.59% |

1995 Proposed Budget Includes:

| | | | | | | | | |
|-------|---|--|--|-------|-------|--|--|--|
| 52204 | Dundas | | | | | | | |
| | Patterson Dr. easement | | | 233 | | | | |
| | Block M, Plan M727 - future sewage pumping strn. site | | | 8 | | | | |
| | Hamilton | | | | | | | |
| | 2734 King St. E. - sewer easement | | | 79 | | | | |
| | Stone Church Rd.E. - sewer property | | | 5,404 | | | | |
| | 188 Adeline - Sewer easement | | | 419 | | | | |
| | 183 Adeline - Sewer Easement | | | 419 | | | | |
| | Taxes/G.I.L. are for sanitary properties only. | | | | 6,560 | | | |
| | No increase over 1994 actual. | | | | | | | |

56420 Sanitary share of costs associated with T.V. Inspection of approximately 100,000 metres of sanitary and combined sewers. The inspections are for the future construction of new storm relief sewers and associated area flooding complaints. As the majority of the sewers are combined the sanitary and storm operating budget is expensed.

1994 actual low due to contract lower than estimated, also the demand for TV Inspection decreased due to staff reductions and less construction work that requires TV Inspection.

58736 For conventional parameters to ensure that the Plant is functioning properly and to ensure that effluents meet Ministry of Energy and Environment guidelines.

58780 Costs related to monitoring and controlling the use of sewers in the Region are allocated to the Sanitary Sewer program. Revenues generated by overstrength and surcharge agreements are netted against the costs of administering the agreements and enforcing the Sewer Use By-Law, and also allocated to the Sanitary Sewer Program. The net impact to the Sanitary Program is positive.

58682 Sanitary program share of the facilities cost is higher due to custodian services provided by Regional Facilities. Overall cost to the sanitary program is the same for this since the cost of one custodian has not been transferred to PUMC.

As part of the PUMC contract, the Corporation is required to reduce corporate overhead for those services presently provided to the Plant and charged to the water and sanitary sewer rates and storm sewer levy. The reduction is being phased over a 3 year period. The annual reduction to the sanitary program is as follows:

| | | | | | | | | |
|-------|----------------------|----------|--|----------|--|--|--|--|
| 58606 | C.A. Human Resources | (21,050) | | | | | | |
| 58607 | C.A. Legal | (653) | | | | | | |
| 58608 | C.A. Finance | (9,115) | | | | | | |
| 58653 | C.A. Purchasing | (2,376) | | | | | | |
| | | | | (33,194) | | | | |

NOW FORMS PART
OF PUMC CONTRACTS - SEE APPENDIX 'A'

ACTIVITY : GENERAL EXPENSES
SUB-ACTIVITY: STP COMPUTER CONTROL SYSTEM

| ACCOUNT NUMBER | DESCRIPTION | 1994 BUDGET | 1994 ACTUAL | 1995 EXISTING | 1995 CHANGE | 1995 PROPOSED BUDGET | 1994 VS. 1995 | |
|-------------------|----------------------|----------------|----------------|------------------|----------------|----------------------------|---------------------------|---------------------------|
| | | | | | | | % INCREASE EXISTING | % INCREASE PROPOSED |
| 406105 | EXPENDITURES | | | | | | | |
| 56018 | Data Line | 25,000 | 16,249 | 0 | | 0 | | |
| 56507 | Hardware Maintenance | 17,500 | 5,000 | 0 | | 0 | | |
| 56617 | C.A. - H.S.R. | 32,800 | 32,800 | 0 | | 0 | | |
| | TOTAL EXPENDITURES | 75,300 | 54,049 | 0 | 0 | 0 | -100.00% | -100.00% |

1994 Actual:

56018 1994 actual low due to additional locations being
brought on line later in the year than originally estimated.

NOW FORMS PART
OF PUMC CONTRACTS - SEE APPENDIX 'A'

ACTIVITY : SEWAGE PUMPING STATIONS
SUB-ACTIVITY: OPERATIONS

| ACCOUNT NUMBER | DESCRIPTION | 1994 BUDGET | 1994 ACTUAL | 1995 EXISTING | 1995 CHANGE | 1995 PROPOSED BUDGET | 1994 VS. 1995 | |
|-------------------|-----------------------|----------------|----------------|------------------|----------------|----------------------------|---------------------------|---------------------------|
| | | | | | | | % INCREASE EXISTING | % INCREASE PROPOSED |
| 406201 | EXPENDITURES | | | | | | | |
| 53231 | Motor Vehicle Charges | 7,400 | 7,400 | 0 | | 0 | | |
| 53402 | Protective Clothing | 200 | 0 | 0 | | 0 | | |
| 56003 | Hydro | 130,000 | 129,720 | 0 | | 0 | | |
| 56006 | Water | 5,800 | 4,263 | 0 | | 0 | | |
| 56008 | Natural Gas | 2,000 | 0 | 0 | | 0 | | |
| 56024 | Offsite Telephones | 15,500 | 16,666 | 0 | | 0 | | |
| 56913 | Sewage Haulage | 10,930 | 7,889 | 0 | | 0 | | |
| | TOTAL EXPENDITURES | 171,830 | 165,938 | 0 | 0 | 0 | -100.00% | -100.00% |

1994 Actual:

56008 Property on Hwy. 6 sold.

56913 Emergency vacuum truck service during emergency repair situations to remove
wastewater and prevent flooding while pumps are being repaired.
Fewer emergency situations in 1994.

NOW FORMS PART
OF PUMC CONTRACTS - SEE APPENDIX 'A'

ACTIVITY : HAMILTON WASTEWATER TREATMENT PLANT
SUB-ACTIVITY : OPERATIONS

| ACCOUNT NUMBER | DESCRIPTION | 1994 BUDGET | 1994 ACTUAL | 1995 EXISTING | 1995 CHANGE | 1995 PROPOSED BUDGET | 1994 VS. 1995 | |
|--------------------|-------------------------------|----------------|----------------|------------------|----------------|----------------------------|---------------------------|---------------------------|
| | | | | | | | % INCREASE EXISTING | % INCREASE PROPOSED |
| 406301 | EXPENDITURES | | | | | | | |
| 51101 | Wages | 1,711,910 | 1,537,585 | 0 | | 0 | | |
| 51702 | Overtime | 23,745 | 101,480 | 0 | | 0 | | |
| 51739 | Meal Allowance | 0 | 100 | 0 | | 0 | | |
| 51801 | Benefits | 351,890 | 338,269 | 0 | | 0 | | |
| 53103 | Chemicals | 825,550 | 511,292 | 0 | | 0 | | |
| 53231 | Motor Vehicle Charges | 38,770 | 38,770 | 0 | | 0 | | |
| 53402 | Protective Clothing | 23,200 | 23,200 | 0 | | 0 | | |
| 53901 | Operating Supplies | 2,100 | 2,100 | 0 | | 0 | | |
| 54012 | Repairs Radio Equipment | 3,500 | 2,819 | 0 | | 0 | | |
| 56003 | Hydro | 1,900,000 | 1,796,514 | 0 | | 0 | | |
| 56006 | Water | 178,200 | 278,690 | 0 | | 0 | | |
| 56008 | Natural Gas | 450,000 | 575,900 | 0 | | 0 | | |
| 56018 | Data Line | 1,200 | 700 | 0 | | 0 | | |
| 56024 | Offsite Telephones | 19,300 | 19,300 | 0 | | 0 | | |
| 56413 | Medical Fees | 25,000 | 25,000 | 0 | | 0 | | |
| 56901 | Contractual Services | 29,700 | 30,000 | 0 | | 0 | | |
| 56914 | Ash, Grit and Sludge Disposal | 165,600 | 165,600 | 0 | | 0 | | |
| 56990 | C.A. - Worker's Compensation | 55,690 | 46,128 | 0 | | 0 | | |
| 58836 | C.A. - Water | (110,800) | (57,674) | 0 | | 0 | | |
| 58911 | C.A. - Storm Sewers | (13,200) | 0 | 0 | | 0 | | |
| TOTAL EXPENDITURES | | 5,481,160 | 5,435,572 | 0 | 0 | 0 | -100.00% | -100.00% |

1994 Actual:

| | |
|-------|--|
| 51702 | 1994 overtime high due to the following: Record snowfall in 1994. Staff are called in for snow removal. Performance testing of the Perrin Presses - sufficient staff had to be present for 24 hours a day during performance testing. Additional overtime hours required for the removal of pickle liquor from Stelco. Staff shortages due to early retirements and long term disability also increased overtime costs. Budget based on 15 hours @ double time for each employee. |
| 53103 | 1994 chemical savings due to new dewatering equipment processing more efficiently resulting in a savings in the amount of polymer. |
| 56003 | 1994 Hydro savings due to major equipment down for repairs that are high hydro users. Digesters were down for about two months and some of the aeration equipment was down for repairs for approx. 4 months. |
| 56006 | 1994 water increase due to testing of refurbished digesters requiring the use of potable water and also potable water being used for the scrubber system. |
| 56008 | 1994 natural gas increase due to shutdown of TKS system. Also increase in cost of natural gas commencing November 1, 1994. |

NOW FORMS PART
OF PUMC CONTRACTS - SEE APPENDIX 'A'

ACTIVITY : REGIONAL WEST
SUB-ACTIVITY : DUNDAS - OPERATIONS

| ACCOUNT NUMBER | DESCRIPTION | 1994 BUDGET | 1994 ACTUAL | 1995 EXISTING | 1995 CHANGE | 1995 PROPOSED BUDGET | 1994 VS. 1995 | |
|-------------------|-----------------------------------|----------------|----------------|------------------|----------------|----------------------------|---------------------------|---------------------------|
| | | | | | | | % INCREASE EXISTING | % INCREASE PROPOSED |
| 406401 | EXPENDITURES | | | | | | | |
| 51101 | Wages | 199,790 | 194,094 | 0 | | 0 | | |
| 51702 | Overtime | 2,890 | 11,381 | 0 | | 0 | | |
| 51739 | Meal Allowance | 200 | 200 | 0 | | 0 | | |
| 51801 | Benefits | 42,495 | 42,701 | 0 | | 0 | | |
| 53103 | Chemicals | 51,345 | 51,345 | 0 | | 0 | | |
| 53231 | Motor Vehicle Charges | 4,500 | 4,500 | 0 | | 0 | | |
| 53402 | Protective Clothing | 1,000 | 1,000 | 0 | | 0 | | |
| 53901 | Operating Supplies | 1,000 | 3,035 | 0 | | 0 | | |
| 56003 | Hydro | 135,000 | 153,670 | 0 | | 0 | | |
| 56006 | Water | 5,000 | 14,430 | 0 | | 0 | | |
| 56008 | Natural Gas | 1,300 | 1,330 | 0 | | 0 | | |
| 56024 | Offsite Telephones | 5,500 | 5,284 | 0 | | 0 | | |
| 56901 | Contractual Services | 6,700 | 2,854 | 0 | | 0 | | |
| 56914 | Sludge Transportation to Woodward | 50,140 | 50,140 | 0 | | 0 | | |
| 58690 | C.A. - Worker's Compensation | 6,760 | 6,567 | 0 | | 0 | | |
| 58911 | C.A. - Storm Sewers | (1,400) | 0 | 0 | | 0 | | |
| | TOTAL EXPENDITURES | 512,020 | 542,531 | 0 | 0 | 0 | -100.00% | -100.00% |

1994 Actual:

- 51702 Budgeted overtime based on 15 hours per person at double time.
- 56003 1994 actual high due to the ozone generator running more consistently,
Hydro off-peak hours shrinking and the installation of a new pump.
- 56006 1994 actual high due to equipment failure.

NOW FORMS PART
OF PUMC CONTRACTS - SEE APPENDIX 'A'

ACTIVITY: REGIONAL WEST
SUB-ACTIVITY: WATERDOWN - OPERATIONS

| ACCOUNT NUMBER | DESCRIPTION | 1994 BUDGET | 1994 ACTUAL | 1995 EXISTING | 1995 CHANGE | 1995 PROPOSED BUDGET | 1994 VS. 1995 | |
|--------------------|-----------------------------------|----------------|----------------|------------------|----------------|----------------------------|---------------------------|---------------------------|
| | | | | | | | % INCREASE EXISTING | % INCREASE PROPOSED |
| 400501 | EXPENDITURES | | | | | | | |
| 51101 | Wages | 121,980 | 122,511 | 0 | | 0 | | |
| 51702 | Overtime | 1,660 | 7,261 | 0 | | 0 | | |
| 51801 | Benefits | 25,350 | 26,952 | 0 | | 0 | | |
| 53103 | Chemicals | 11,030 | 3,646 | 0 | | 0 | | |
| 53231 | Motor Vehicle Charges | 2,300 | 2,300 | 0 | | 0 | | |
| 53402 | Protective Clothing | 800 | 800 | 0 | | 0 | | |
| 56003 | Hydro | 38,200 | 32,582 | 0 | | 0 | | |
| 56006 | Water | 500 | 333 | 0 | | 0 | | |
| 56024 | Offsite Telephones | 900 | 809 | 0 | | 0 | | |
| 56901 | Contractual Services | 1,400 | 1,400 | 0 | | 0 | | |
| 56914 | Sludge Transportation to Woodward | 16,350 | 11,986 | 0 | | 0 | | |
| 58690 | C.A. - Worker's Compensation | 4,030 | 4,048 | 0 | | 0 | | |
| TOTAL EXPENDITURES | | 224,500 | 214,628 | 0 | | 0 | -100.00% | -100.00% |

1994 Actual:

53103 Demand for deodorizing and odour control chemicals low.
Overbudgeted in 1994.

NOW FORMS PART
OF PUMC CONTRACTS - SEE APPENDIX 'A'

DEPARTMENT ENVIRONMENTAL SERVICES DEPARTMENT
PROGRAM: WATER & WASTEWATER TREATMENT MAINTENANCE

| ACCOUNT NUMBER | DESCRIPTION | 1994 BUDGET | 1994 ACTUAL | 1995 EXISTING | 1995 CHANGE | 1995 PROPOSED BUDGET | 1994 VS. 1995 INCREASE EXISTING | 1995 INCREASE PROPOSED |
|-------------------|-----------------------------|----------------|----------------|------------------|----------------|----------------------------|---------------------------------------|------------------------------|
| 406800 | EXPENDITURES | | | | | | | |
| 51101 | Wages | 1,826,230 | 1,926,206 | 0 | | 0 | | |
| 51702 | Overtime | 18,610 | 40,175 | 0 | | 0 | | |
| 51728 | Stand by & Trouble Calls | 90,000 | 91,823 | 0 | | 0 | | |
| 51739 | Meal Allowance | 700 | 1,471 | 0 | | 0 | | |
| 51801 | Benefits | 434,770 | 423,765 | 0 | | 0 | | |
| 53231 | Motor Vehicle Charges | 56,460 | 56,460 | 0 | | 0 | | |
| 53402 | Protective Clothing | 28,600 | 28,600 | 0 | | 0 | | |
| 53901 | Operating Supplies | 15,000 | 15,000 | 0 | | 0 | | |
| 53909 | New Equipment | 99,800 | 99,800 | 0 | | 0 | | |
| 54038 | Repairs - Equipment | 661,300 | 661,300 | 0 | | 0 | | |
| 54201 | Repairs - Buildings | 258,900 | 258,900 | 0 | | 0 | | |
| 54402 | Horticultural Services | 115,100 | 90,000 | 0 | | 0 | | |
| 55011 | Rent Pager | 1,000 | 1,147 | 0 | | 0 | | |
| 56413 | Medical Fees | 25,000 | 24,900 | 0 | | 0 | | |
| 56901 | Contractual Services | 13,900 | 15,910 | 0 | | 0 | | |
| 56916 | Fees for Services | (25,000) | (28,520) | 0 | | 0 | | |
| 58690 | C.A. - Workers Compensation | 69,170 | 72,957 | 0 | | 0 | | |
| 58836 | C.A. - Waterworks | (995,000) | (1,036,493) | 0 | | 0 | | |
| 58911 | C.A. - Storm Sewers | (3,200) | (5,389) | 0 | | 0 | | |
| | TOTAL EXPENDITURES | 2,691,340 | 2,738,013 | 0 | | 0 | -100.00% | -100.00% |

1994 Actual:

51702 1994 overtime high due to equipment failure.

ACTIVITY COST SUMMARY

PROGRAM : SEWAGE WORKS
ACTIVITY: PUMC CONTRACTS - SANITARY

| | | | | | | 1994 VS. 1995 | | |
|---------------------|---------------------------------|----------------|----------------|------------------|----------------|----------------------------|---------------------------|---------------------------|
| ACCOUNT NUMBER | DESCRIPTION | 1994 BUDGET | 1994 ACTUAL | 1995 EXISTING | 1995 CHANGE | 1995 PROPOSED BUDGET | % INCREASE EXISTING | % INCREASE PROPOSED |
| <hr/> | | | | | | | | |
| 406808 EXPENDITURES | | | | | | | | |
| 56947 | PUMC - Sanitary - Plants | 0 | 0 | 10,086,725 | | 10,086,725 | | |
| 56948 | PUMC - Sanitary - Outstations | 0 | 0 | 611,771 | | 611,771 | | |
| 58690 | C.A. - Workers Compensation | 0 | 0 | 16,728 | | 16,728 | | |
| 57787 | PUMC - Sanitary - Cost Recovery | 0 | 0 | (287,093) | | (287,093) | | |
| 56914 | Ash, Grit and Sludge Disposal | 0 | 0 | 770,000 | | 770,000 | | |
| <hr/> | | | | | | | | |
| TOTAL EXPENDITURES | | 0 | 0 | 11,198,132 | 0 | 11,198,132 | N/A | N/A |
| <hr/> <hr/> | | | | | | | | |

See PUMC Appendix "A" for details pertaining to these values.
The cost recovery details are as follows:

1995 Proposed Budget Includes:

58690 Cost of Worker's Compensation liability
for previous worker's compensation injuries which
continue to be the Region's responsibility in
accordance with the P.U.M.C. contract.

| | |
|--|-----------|
| 50% Guaranteed Savings - Indexed at 2% Inflation | (250,000) |
| 50% Environ. Service Dept. Overhead | (51,500) |
| Less: Corporate Overhead - Phase-in - Year 1 | 14,408 |
| | ----- |
| | (287,093) |
| | ===== |

DEPARTMENT: ENVIRONMENTAL SERVICES
PROGRAM: SANITARY SEWER MAINTENANCE

| ACCOUNT NUMBER | DESCRIPTION | 1994 BUDGET | 1994 ACTUAL | 1995 EXISTING | 1995 CHANGE | 1995 PROPOSED BUDGET | % INCREASE EXISTING | % INCREASE PROPOSED |
|-------------------|-----------------------|----------------|----------------|------------------|----------------|----------------------------|---------------------------|---------------------------|
| | | ----- | ----- | ----- | ----- | ----- | ----- | ----- |
| 406600 | EXPENDITURES | | | | | | | |
| 58633 | C.A. - INFRASTRUCTURE | 1,180,825 | 494,145 | 1,219,820 | (9,520) | 1,210,300 | | |
| | | ----- | ----- | ----- | ----- | ----- | | |
| | | 1,180,825 | 494,145 | 1,219,820 | (9,520) | 1,210,300 | 3.30% | 2.50% |
| | | ===== | ===== | ===== | ===== | ===== | | |

Sanitary Portion of Infrastructure Maintenance Expenditures.

ACTIVITY COST SUMMARY

PROGRAM : SEWAGE WORKS
ACTIVITY: FINANCIAL CHARGES

| ACCOUNT NUMBER | DESCRIPTION | 1994 | 1994 | 1995 | 1995 | 1995 | % | % |
|-------------------|------------------------------------|------------|------------|------------|--------|--------------------|----------------------|----------------------|
| | | BUDGET | ACTUAL | EXISTING | CHANGE | PROPOSED BUDGET | INCREASE EXISTING | INCREASE PROPOSED |
| 406700 | EXPENDITURES | | | | | | | |
| 52001 | Debenture Debt Charges | 4,412,200 | 4,231,240 | 4,221,300 | | 4,221,300 | | |
| 52907 | Bad Debt Expense | 0 | 0 | 103,310 | | 103,310 | | |
| 52929 | M.O.E. Debt | 869,800 | 817,498 | 771,700 | | 771,700 | | |
| 52938 | O.L.C. Payments | 176,500 | 124,500 | 176,500 | | 176,500 | | |
| 57752 | Refund of Loc. Imp. Charges | 3,000 | 87,814 | 50,000 | | 50,000 | | |
| 58001 | Transfer to Reserve | 0 | 940,550 | 0 | | 0 | | |
| 58002 | Transfer to Capital | 8,475,000 | 8,475,000 | 8,880,000 | | 8,880,000 | | |
| 58022 | Internal Debt Charges | 2,637,000 | 2,637,000 | 1,858,000 | | 1,858,000 | | |
| 58037 | To Sanitary Sewer Reserve (LI) | 91,310 | 277,310 | 200,000 | | 200,000 | | |
| 58045 | To Reserve - Development Service | 140,100 | 341,730 | 250,000 | | 250,000 | | |
| 58640 | To General Levy | 368,065 | 368,065 | 368,065 | 26,820 | 394,885 | | |
| 58608 | C.A. - Finance | 542,860 | 542,860 | 603,050 | | 603,050 | | |
| 58659 | C.A. - Meter Maintenance | 430,390 | 430,390 | 406,100 | | 406,100 | | |
| | TOTAL EXPENDITURES | 18,146,225 | 19,273,957 | 17,688,025 | 26,820 | 17,714,845 | -2.53% | -2.38% |
| 406700 | REVENUE | | | | | | | |
| 45135 | Locals - Commutations | 94,310 | 366,616 | 250,000 | | 250,000 | | |
| 45136 | Transfer from Dev. Charge Reserve | 140,100 | 341,733 | 250,000 | | 250,000 | | |
| 47101 | Dev. Charg. Res. - O.L.C. Payments | 176,500 | 1,065,052 | 176,500 | | 176,500 | | |
| 47109 | Transfer from Dev. Charge Reserve | 1,383,000 | 1,082,494 | 1,364,000 | | 1,364,000 | | |
| 47121 | U.S. Exchange Reserve | 0 | 0 | 103,310 | | 103,310 | | |
| | TOTAL REVENUE | 1,793,910 | 2,855,895 | 2,143,810 | 0 | 2,143,810 | 19.50% | 19.50% |

**ENVIRONMENTAL
SERVICES
DEPARTMENT**

**1995
CURRENT
BUDGET**

STORM SEWER

REGIONAL MUNICIPALITY OF HAMILTON-WENTWORTH

1995 CURRENT BUDGET

DEPARTMENT:

ENVIRONMENTAL SERVICES

PROGRAM:

STORM SEWERS - HAMILTON LAND DRAINAGE

PROGRAM DESCRIPTION

PURPOSE:

To provide an efficient storm sewer system within the City of Hamilton to collect and convey storm water, and a place of disposal or treatment.

OBJECTIVE:

To minimize basement flooding.

To provide continuous uninterrupted operation of the gravity sewer system and forced sewer systems.

To drain surface water away from areas where it is not desirable to allow it to accumulate.

To provide storm sewers for planned growth.

PERFORMANCE MEASUREMENT:

To maintain and monitor the condition of approximately 580 Km of Combined Sewers and approximately 522 Km of Storm Sewers in the City of Hamilton.

To operate and maintain 2 Storm Pumping Stations in the City of Hamilton and 2 Storm Pumping Stations in the Town of Dundas.

PROGRAM COST SUMMARY

DEPARTMENT : ENVIRONMENTAL SERVICES
PROGRAM : STORM SEWERS

| ACCOUNT | | | | | | 1994 VS. 1995 | | |
|---------------------------|---------------------------------|----------------|----------------|------------------|----------------|----------------------------|---------------------------|---------------------------|
| NUMBER | DESCRIPTION | 1994 BUDGET | 1994 ACTUAL | 1995 EXISTING | 1995 CHANGE | 1995 PROPOSED BUDGET | % INCREASE EXISTING | % INCREASE PROPOSED |
| <hr/> | | | | | | | | |
| EXPENDITURES | | | | | | | | |
| 407100 | Storm Sewer Administration | 785,290 | 766,961 | 758,711 | (4,700) | 754,011 | | |
| 407200 | Storm Sewer Pumping Stations | 46,700 | 25,481 | 0 | | 0 | | |
| 407300 | Storm Sewer Infrastructure | 528,900 | 247,059 | 545,410 | (4,760) | 540,650 | | |
| 407400 | Storm Sewer Financial Charges | 8,076,000 | 8,095,707 | 8,310,840 | 9,460 | 8,320,300 | | |
| 407500 | PUMC Storm – Outstations | 0 | 0 | 44,197 | | 44,197 | | |
| <hr/> | | | | | | | | |
| TOTAL EXPENDITURES | | 9,436,890 | 9,135,208 | 9,659,158 | | 9,659,158 | 2.36% | 2.36% |
| <hr/> | | | | | | | | |
| REVENUES | | | | | | | | |
| 44303 | Recoverable Services | 3,300 | 1,558 | 0 | | 0 | | |
| 43301 | General Support Grant | 238,540 | 238,540 | 238,540 | | 238,540 | | |
| 43413 | M.T.O. Subsidy | 147,000 | 159,170 | 250,000 | | 250,000 | | |
| 45135 | Local Imprvt Commutations | 83,000 | 176,611 | 160,000 | | 160,000 | | |
| 45136 | Development Service | 200,000 | 136,100 | 90,000 | | 90,000 | | |
| 47106 | From Development Charge Reserve | 368,000 | 355,116 | 400,000 | | 400,000 | | |
| 47117 | From Debt Repayment Reserve | 354,000 | 354,476 | 354,000 | | 354,000 | | |
| 47121 | From U.S. Exchange Reserve | 0 | 0 | 123,610 | | 123,610 | | |
| <hr/> | | | | | | | | |
| TOTAL REVENUE | | 1,393,840 | 1,421,571 | 1,616,150 | | 1,616,150 | | |
| <hr/> | | | | | | | | |
| TO BE MET BY SPECIAL LEVY | | 8,043,050 | 7,713,637 | 8,043,008 | | 8,043,008 | 0.00% | 0.00% |
| <hr/> | | | | | | | | |

OBJECT SUMMARY

PROGRAM : STORM SEWERS

| ACCOUNT | | 1994 | 1994 | 1995 | 1995 | 1995 | 1994 VS. 1995 | 1995 |
|---------------------------|---------------------------------|-----------|-----------|-----------|---------|-----------------|---------------------|---------------------|
| NUMBER | DESCRIPTION | BUDGET | ACTUAL | EXISTING | CHANGE | PROPOSED BUDGET | % INCREASE EXISTING | % INCREASE PROPOSED |
| EXPENDITURES | | | | | | | | |
| 52003 | Debt Charges - External | 2,519,000 | 2,509,345 | 2,100,000 | 0 | 2,100,000 | | |
| 52003 | Debt Charges - Dev. Charges | 0 | 0 | 400,000 | 0 | 400,000 | | |
| 55005 | Rent | 200 | 180 | 0 | 0 | 0 | | |
| 56003 | Hydro | 26,900 | 18,478 | 0 | 0 | 0 | | |
| 56006 | Water | 1,200 | 900 | 0 | 0 | 0 | | |
| 56018 | Data Line | 600 | 534 | 0 | 0 | 0 | | |
| 56420 | T.V. Inspections - Sewers | 60,900 | 33,381 | 59,100 | 0 | 59,100 | | |
| 57752 | Refund of Local Imp. Charges | 3,000 | 13,553 | 3,000 | 0 | 3,000 | | |
| 58001 | Transfer to Reserve(DS) | 200,000 | 136,100 | 90,000 | 0 | 90,000 | | |
| 58002 | Transfer To Capital | 3,253,000 | 3,253,000 | 3,393,600 | 0 | 3,393,600 | | |
| 58022 | Internal Debt Charges | 2,021,000 | 2,020,650 | 2,043,630 | 0 | 2,043,630 | | |
| 58038 | To Storm Sewer Reserve(LI) | 80,000 | 163,059 | 157,000 | 0 | 157,000 | | |
| 58041 | To U.S. Exchange Reserve | 0 | 0 | 123,610 | 0 | 123,610 | | |
| 58601 | C.A. - Admin-Current | 353,050 | 381,450 | 355,700 | (4,700) | 351,000 | | |
| 58608 | C.A. - Finance | 28,920 | 28,920 | 27,171 | 0 | 27,171 | | |
| 58640 | To General Levy | 0 | 0 | 0 | 9,460 | 9,460 | | |
| 58682 | C.A. - Facilities | 18,800 | 21,770 | 21,100 | 0 | 21,100 | | |
| 58683 | C.A. - Admin - Transportation | 323,620 | 301,440 | 295,640 | 0 | 295,640 | | |
| 58746 | C.A. Sanitary Pumping Stations | 16,400 | 5,389 | 0 | 0 | 0 | | |
| 58782 | C.A. Treatment Plant Operations | 1,400 | 0 | 0 | 0 | 0 | | |
| 58633 | Storm Sewer Infrastructure | 528,900 | 247,059 | 545,410 | (4,760) | 540,650 | | |
| 56948 | PUMC - Storm - Outstations | 0 | 0 | 44,197 | 0 | 44,197 | | |
| TOTAL EXPENDITURES | | 9,436,890 | 9,135,208 | 9,659,158 | 0 | 9,659,158 | 2.36% | 2.36% |
| REVENUES | | | | | | | | |
| 44303 | Recoverable Services | 3,300 | 1,558 | 0 | 0 | 0 | | |
| 43301 | General Support Grant | 238,540 | 238,540 | 238,540 | 0 | 238,540 | | |
| 43413 | M.T.O. Subsidy | 147,000 | 159,170 | 250,000 | 0 | 250,000 | | |
| 45135 | Local Imprvt Commutations | 83,000 | 176,611 | 160,000 | 0 | 160,000 | | |
| 45136 | Development Service | 200,000 | 136,100 | 90,000 | 0 | 90,000 | | |
| 47106 | From Development Charge Reserve | 368,000 | 355,116 | 400,000 | 0 | 400,000 | | |
| 47117 | From Debt Repayment Reserve | 354,000 | 354,476 | 354,000 | 0 | 354,000 | | |
| 47121 | From U.S. Exchange Reserve | 0 | 0 | 123,610 | 0 | 123,610 | | |
| TOTAL REVENUES | | 1,393,840 | 1,421,571 | 1,616,150 | 0 | 1,616,150 | | |
| TO BE MET BY SPECIAL LEVY | | 8,043,050 | 7,713,637 | 8,043,008 | 0 | 8,043,008 | 0.00% | 0.00% |

PROGRAM : STORM SEWERS
ACTIVITY : ADMINISTRATION

| ACCOUNT NUMBER DESCRIPTION | 1994 BUDGET | 1994 ACTUAL | 1995 EXISTING | 1995 CHANGE | 1995 PROPOSED BUDGET | 1994 VS. 1995 | |
|--------------------------------|----------------|----------------|------------------|----------------|----------------------------|---------------------------|---------------------------|
| | | | | | | % INCREASE EXISTING | % INCREASE PROPOSED |
| 407100 EXPENDITURES | | | | | | | |
| 56420 T.V. Inspection – Sewers | 60,900 | 33,381 | 59,100 | | 59,100 | | |
| 58601 C.A. – Admin – Current | 353,050 | 381,450 | 355,700 | (4,700) | 351,000 | | |
| 58608 C.A. – Finance | 28,920 | 28,920 | 27,171 | | 27,171 | | |
| 58682 C.A. – Facilities | 18,800 | 21,770 | 21,100 | | 21,100 | | |
| 58683 C.A. – Transportation | 323,620 | 301,440 | 295,640 | | 295,640 | | |
| | 785,290 | 766,961 | 758,711 | (4,700) | 754,011 | -3.38% | -3.98% |

1995 Proposed Budget Includes:

- 56420 Storm share of costs associated with TV inspection of storm sewers and combined sewers. The inspections are for the future construction of new storm relief sewers and associated area flooding complaints. As the majority of the sewers are combined, the current sanitary and storm operating budgets are expensed.
- 58608 As part of the PUMC contract, the Corporation is required to reduce corporate overhead for those services presently provided to the Plant and charged to the water and sanitary rates and storm sewer levy. The reduction is being phased over a 3 year period.
- 58683 C.A. Transportation
This cost allocation is reduced for the storm portion of the Roads Department staff that operate and maintain the Supervisory Control System. This amount will now be recovered from PUMC.

NOW FORMS PART OF THE PUMC CONTRACTS
SEE APPENDIX "A"

PROGRAM : STORM SEWERS
ACTIVITY: PUMPING STATIONS
OPERATIONS/MAINTENANCE

| ACCOUNT NUMBER DESCRIPTION | 1994 BUDGET | 1994 ACTUAL | 1995 EXISTING | 1995 CHANGE | 1995 PROPOSED BUDGET | 1994 VS. 1995 | |
|-------------------------------|----------------|----------------|------------------|----------------|----------------------------|---------------------------|---------------------------|
| | | | | | | % INCREASE EXISTING | % INCREASE PROPOSED |
| 407201 EXPENDITURES | | | | | | | |
| 55005 Rent | 200 | 180 | 0 | | 0 | | |
| 56003 Hydro | 25,000 | 16,920 | 0 | | 0 | | |
| 56006 Water | 1,200 | 900 | 0 | | 0 | | |
| 56018 Data Line | 600 | 534 | 0 | | 0 | | |
| TOTAL EXPENDITURES | 27,000 | 18,534 | 0 | 0 | 0 | -100.00% | -100.00% |

1994 Actual

56003 Overbudgeted in 1994.

NOW FORMS PART OF THE PUMC CONTRACTS
SEE APPENDIX "A"

OPERATIONS/MAINTENANCE

| ACCOUNT NUMBER DESCRIPTION | 1994 BUDGET | 1994 ACTUAL | 1995 EXISTING | 1995 CHANGE | 1995 PROPOSED BUDGET | 1994 VS. 1995 | |
|-------------------------------|----------------|----------------|------------------|----------------|----------------------------|---------------------------|---------------------------|
| | | | | | | % INCREASE EXISTING | % INCREASE PROPOSED |
| 407202 EXPENDITURES | | | | | | | |
| 58746 C.A. - Sanitary | 16,400 | 5,389 | 0 | | 0 | | |
| TOTAL EXPENDITURES | 16,400 | 5,389 | 0 | 0 | 0 | -100.00% | -100.00% |

Storm sewer share of operations & maintenance of pumping stations.
All costs shown in Sanitary Sewer Program.

PROGRAM : STORM SEWERS
 ACTIVITY : DUNDAS STORM
 PUMPING STATIONS – EXEMPT

NOW FORMS PART OF THE PUMC CONTRACTS
 SEE APPENDIX "A"

| ACCOUNT NUMBER DESCRIPTION | 1994 BUDGET | 1994 ACTUAL | 1995 EXISTING | 1995 CHANGE | 1995 PROPOSED BUDGET | 1994 VS. 1995 | |
|-------------------------------|----------------|----------------|------------------|----------------|----------------------------|---------------------------|---------------------------|
| | | | | | | % INCREASE EXISTING | % INCREASE PROPOSED |
| 407203 EXPENDITURES | | | | | | | |
| 56017 Utilities | 1,900 | 1,558 | 0 | | 0 | | |
| 58746 C.A. – Sanitary | 1,400 | 0 | 0 | | 0 | | |
| | 3,300 | 1,558 | 0 | | 0 | -100.00% | -100.00% |
| REVENUES | | | | | | | |
| 44303 Public Works – Dundas | 3,300 | 1,558 | 0 | | 0 | | |
| | 3,300 | 1,558 | 0 | | 0 | -100.00% | -100.00% |

ACTIVITY COST SUMMARY

PROGRAM : STORM SEWERS

ACTIVITY : PUMC CONTRACTS - STORM ALLOCATION

| ACCOUNT NUMBER DESCRIPTION | 1994 BUDGET | 1994 ACTUAL | 1995 EXISTING | 1995 CHANGE | 1995 PROPOSED BUDGET | 1994 VS. 1995 | |
|---|----------------|----------------|------------------|----------------|----------------------------|---------------------------|---------------------------|
| | | | | | | % INCREASE EXISTING | % INCREASE PROPOSED |
| 407500 EXPENDITURES | | | | | | | |
| 56948 PUMC - Storm - Outstations | 0 | 0 | 44,197 | 0 | 44,197 | | |
| TOTAL EXPENDITURES | 0 | 0 | 44,197 | 0 | 44,197 | N/A | N/A |
| ===== | | | | | | | |
| PUMC - Storm - Outstations | | | 42,785 | | | | |
| Add: Corporate Overhead - Phase-in - Year 1 | | | 1,412 | | | | |
| | | | 44,197 | | | | |

DEPARTMENT: ENVIRONMENTAL SERVICES
PROGRAM: STORM

| ACCOUNT NUMBER | DESCRIPTION | 1994 BUDGET | 1994 ACTUAL | 1995 EXISTING | 1995 CHANGE | 1995 PROPOSED BUDGET | % INCREASE EXISTING | % INCREASE PROPOSED |
|-------------------|----------------|----------------|----------------|------------------|----------------|----------------------------|---------------------------|---------------------------|
| ----- | | | | | | | | |
| 407300 | EXPENDITURES | | | | | | | |
| 58633 C.A. - | INFRASTRUCTURE | 528,900 | 247,059 | 545,410 | (4,760) | 540,650 | | |
| | | ----- | | | | ----- | | |
| | | 528,900 | 247,059 | 545,410 | (4,760) | 540,650 | 3.12% | 2.22% |
| | | ===== | | | | ===== | | |

Storm Portion of Infrastructure Maintenance Expenditures.

ACTIVITY COST SUMMARY

PROGRAM : STORM SEWERS
ACTIVITY : FINANCIAL EXPENSES

| ACCOUNT NUMBER DESCRIPTION | 1994 BUDGET | 1994 ACTUAL | 1995 EXISTING | 1995 CHANGE | 1995 PROPOSED BUDGET | 1994 VS. 1995 | |
|------------------------------------|----------------|----------------|------------------|----------------|----------------------------|---------------------------|---------------------------|
| | | | | | | % INCREASE EXISTING | % INCREASE PROPOSED |
| 407400 EXPENDITURES | | | | | | | |
| 52003 Debt Charges - External | 2,519,000 | 2,509,345 | 2,100,000 | | 2,100,000 | | |
| 52003 Debt Charges - Dev. Charge | 0 | 0 | 400,000 | | 400,000 | | |
| 52003 U.S. Exchange | 0 | 0 | 123,610 | | 123,610 | | |
| 58001 Transfer to Reserve (DS) | 200,000 | 136,100 | 90,000 | | 90,000 | | |
| 57752 Refund of Local Imp. Charges | 3,000 | 13,553 | 3,000 | | 3,000 | | |
| 58002 Transfer to Capital | 3,253,000 | 3,253,000 | 3,393,600 | | 3,393,600 | | |
| 58022 Internal Debt Charges | 2,021,000 | 2,020,650 | 2,043,630 | | 2,043,630 | | |
| 58038 To Storm Sewer Reserve (LI) | 00,000 | 163,059 | 157,000 | | 157,000 | | |
| 58640 To General Levy | 0 | 0 | 0 | 9,460 | 9,460 | | |
| TOTAL EXPENDITURES | 8,076,000 | 8,095,707 | 8,310,840 | 9,460 | 8,320,300 | 2.91% | 3.03% |
| 407400 REVENUES | | | | | | | |
| 45135 Local Commutations | 83,000 | 176,611 | 160,000 | | 160,000 | | |
| 45136 Development Services | 200,000 | 136,100 | 90,000 | 0 | 90,000 | | |
| 47109 Reserve - Dev. Charge | 368,000 | 355,116 | 400,000 | 0 | 400,000 | | |
| 47117 Reserve - Debt Repayment | 354,000 | 354,476 | 354,000 | 0 | 354,000 | | |
| 47121 Reserve - Foreign Exchange | 0 | 0 | 123,610 | 0 | 123,610 | | |
| TOTAL REVENUES | 1,005,000 | 1,022,303 | 1,127,610 | 0 | 1,127,610 | 12.20% | 12.20% |

**ENVIRONMENTAL
SERVICES
DEPARTMENT**

**1995
CURRENT
BUDGET**

WASTE MANAGEMENT

**REGIONAL MUNICIPALITY OF HAMILTON-WENTWORTH
1995 CURRENT BUDGET**

**DEPARTMENT: ENVIRONMENTAL SERVICES
PROGRAM: WASTE MANAGEMENT**

PURPOSE:

To provide for the operation and maintenance of Solid Waste Disposal Facilities (SWARU, Transfer Stations, Landfills) which collectively processes approximately 210,000 tonnes of waste annually.

To administer waste reduction and diversion programs designed to minimize the amount of waste going to disposal.

OBJECTIVES:

To comply with the Ministry of Environment and Energy regulations on waste management.

To fulfill the Region's responsibilities with respect to waste disposal.

To work towards the Waste Reduction goals established for Vision 2020.

To divert in excess of 20,000 tonnes of recyclables through the Blue Box Program.

To divert toxic wastes from disposal through the Household Hazardous Waste Program.

To educate residents and businesses about reduction, reuse and alternate disposal methods.

.. Cont'd

PERFORMANCE MEASUREMENTS:

| | | <u>SWARU</u> | <u>TRANSFER STATIONS</u> | <u>LANDFILL SITE</u> |
|---|------|--------------|--------------------------|----------------------|
| <u>Annual Waste Collection:</u> | | | | |
| (tonnages) | 1994 | 94,851 | 82,085 | 121,809 |
| | 1995 | 98,000 | 85,000 | 120,000 |
| <u>Transfer Stations:</u> | | | | |
| Municipal Collections: 1994 | | | 54,753 | |
| Municipal Collections: 1995 | | | 51,000 | |
| Commercial/Industrial: 1994 | | | 8,614 | |
| Commercial/Industrial: 1995 | | | 9,000 | |
| Cash Customers: 1994 | | | 8,332 | |
| Cash Customers: 1995 | | | 8,500 | |
| Annual Recyclables: 1994 | | | | 19,513 |
| Annual Recyclables: 1995 | | | | 21,000 |
| <u>Household Hazardous Waste</u> <u>(52 Saturdays)</u> | | | | |
| Number of Participants: 1994 | | | 8,687 | |
| Number of Participants: 1995 | | | 7,500 | |
| Litres of Waste collected: 1994 | | | 148,370 | |
| Litres of Waste collected: 1995 | | | 150,000 | |

PROGRAM COST SUMMARY

DEPARTMENT: ENVIRONMENTAL SERVICES
PROGRAM: WASTE MANAGEMENT

| ACCOUNT NUMBER | DESCRIPTION | 1994 BUDGET | 1994 ACTUAL | 1995 EXISTING | 1995 CHANGE | 1995 PROPOSED BUDGET | % INCREASE EXISTING | % INCREASE PROPOSED |
|---------------------------|-------------------------------------|----------------|----------------|------------------|----------------|----------------------------|---------------------------|---------------------------|
| EXPENDITURES | | | | | | | | |
| 403100 | Glanbrook Regional Site Operations | 123,700 | 131,480 | 144,100 | (100) | 144,000 | | |
| 403101 | External Contracts | 12,135,212 | 11,887,800 | 12,228,310 | 0 | 12,228,310 | | |
| 403200 | Transfer Stations - Disposal | 196,400 | 206,900 | 211,100 | 0 | 211,100 | | |
| 403201 | Transfer Stations - Scale | 251,650 | 227,775 | 258,850 | 0 | 258,850 | | |
| 403300 | S.W.A.R.U. | 837,925 | 795,800 | 625,250 | (6,800) | 618,450 | | |
| 403400 | Upper Ottawa - Site Management | 10,100 | 4,700 | 7,500 | 0 | 7,500 | | |
| 403401 | Upper Ottawa - Gas Flaring | 13,700 | 10,910 | 14,100 | 0 | 14,100 | | |
| 403402 | Various Other Sites | 136,500 | 116,700 | 105,800 | (100) | 105,700 | | |
| 403500 | Direct Costs - Solid Waste | 330,300 | 306,600 | 340,450 | 0 | 340,450 | | |
| 403501 | Indirect Costs - Solid Waste | 88,960 | 100,200 | 95,900 | (600) | 95,300 | | |
| 403502 | Financial Charges | 676,830 | 677,130 | 858,830 | 0 | 858,830 | | |
| 403503 | Administrative Support | 118,800 | 122,350 | 119,100 | 0 | 119,100 | | |
| 403700 | Recycling Program | 3,167,500 | 2,376,701 | 3,160,927 | 0 | 3,160,927 | | |
| 403701 | Household Hazardous Waste Program | 276,015 | 320,750 | 288,650 | 0 | 288,650 | | |
| 403702 | Backyard Composting Program | 19,200 | 37,600 | 50,000 | 0 | 50,000 | | |
| 403704 | Direct Costs - Res. Waste Reduction | 298,800 | 277,760 | 296,900 | 0 | 296,900 | | |
| TOTAL EXPENDITURES | | 18,681,592 | 17,601,160 | 18,805,770 | (7,600) | 18,798,170 | 0.66% | 0.62% |
| REVENUES | | | | | | | | |
| | Fees | 1,400,000 | 1,074,400 | 1,820,000 | 0 | 1,820,000 | | |
| | From Capital - Waste Management | 203,460 | 212,370 | 239,720 | 0 | 239,720 | | |
| | Subsidies/Grants | 1,661,270 | 787,200 | 1,152,600 | 0 | 1,152,600 | | |
| | Rentals and Leases | 253,900 | 181,254 | 330,100 | 0 | 330,100 | | |
| | Other Revenues | 32,000 | 33,300 | 44,000 | 0 | 44,000 | | |
| | Transfer from Reserve | 0 | 1,011,519 | 0 | 0 | 0 | | |
| TOTAL REVENUES | | 3,550,630 | 3,300,043 | 3,586,420 | 0 | 3,586,420 | 1.01% | 1.01% |
| TO BE MET BY GENERAL LEVY | | 15,130,962 | 14,301,120 | 15,219,350 | (7,600) | 15,211,750 | 0.58% | 0.53% |

OBJECT SUMMARY

DEPARTMENT: ENVIRONMENTAL SERVICES
PROGRAM: WASTE MANAGEMENT

| ACCOUNT NUMBER | DESCRIPTION | 1994 BUDGET | 1994 ACTUAL | 1995 EXISTING | 1995 CHANGE | 1995 PROPOSED BUDGET | % INCREASE EXISTING | % INCREASE PROPOSED |
|----------------------------------|-----------------------------------|-------------------|-------------------|-------------------|----------------|----------------------------|---------------------------|---------------------------|
| 403000 EXPENDITURES | | | | | | | | |
| 51001 | Salaries | 603,000 | 565,750 | 593,900 | 0 | 593,900 | | |
| 51702 | Overtime | 0 | 0 | 8,000 | 0 | 8,000 | | |
| 51801 | Employee Benefits | 112,500 | 100,000 | 112,200 | 0 | 112,200 | | |
| 51908 | Pro/Membership Dues | 0 | 615 | 915 | 0 | 915 | | |
| 52202 | Taxes - Business | 155,667 | 151,230 | 154,300 | 0 | 154,300 | | |
| 52204 | Property Taxes | 362,108 | 362,800 | 369,900 | 0 | 369,900 | | |
| 53231 | Motor Vehicle Charges | 13,100 | 14,460 | 12,950 | 0 | 12,950 | | |
| 53901 | Operating Supplies | 33,700 | 24,185 | 24,400 | 0 | 24,400 | | |
| 53909 | New Equipment | 400 | 1,000 | 1,200 | 0 | 1,200 | | |
| 53982 | Replacement - Bags | 100,000 | 75,000 | 100,000 | (6,800) | 93,200 | | |
| 54038 | Repairs - Equipment | 31,200 | 19,200 | 31,100 | 0 | 31,100 | | |
| 54063 | Regional Repairs - Equipment | 8,400 | 0 | 8,400 | 0 | 8,400 | | |
| 54201 | Repairs - Buildings | 220,000 | 186,000 | 10,000 | 0 | 10,000 | | |
| 54401 | Ground Maintenance | 3,000 | 2,500 | 1,000 | 0 | 1,000 | | |
| 54412 | Leachate Removal/Disposal | 32,200 | 57,100 | 56,000 | 0 | 56,000 | | |
| 55050 | Rent - Cellular telephone | 2,400 | 1,200 | 2,400 | 0 | 2,400 | | |
| 56003 | Hydro | 15,400 | 15,300 | 15,000 | 0 | 15,000 | | |
| 56006 | Water | 200 | 0 | 0 | 0 | 0 | | |
| 56024 | Off Site Telephone | 2,500 | 2,500 | 3,500 | 0 | 3,500 | | |
| 56301 | Advertising | 8,000 | 14,600 | 14,200 | 0 | 14,200 | | |
| 56319 | Promotion | 56,100 | 74,950 | 97,100 | 0 | 97,100 | | |
| 56401 | Consulting Services | 94,000 | 93,600 | 212,000 | 0 | 212,000 | | |
| 56901 | Contractual Services | 3,601,600 | 2,903,986 | 3,606,712 | 0 | 3,606,712 | | |
| 56907 | Laidlaw Waste System | 11,802,802 | 11,540,200 | 11,775,900 | 0 | 11,775,900 | | |
| 56926 | Glanbrook Disposal Agrmt | 175,000 | 161,890 | 165,000 | 0 | 165,000 | | |
| 56929 | Flyash Disposal | 211,250 | 235,500 | 211,250 | 0 | 211,250 | | |
| 57001 | Staff Travel Expenses | 1,800 | 1,550 | 3,850 | 0 | 3,850 | | |
| 57002 | Mileage | 3,500 | 4,750 | 1,500 | 0 | 1,500 | | |
| 57101 | Training Courses | 5,500 | 5,700 | 9,500 | 0 | 9,500 | | |
| 57717 | Scale Operations | 202,000 | 192,500 | 208,000 | 0 | 208,000 | | |
| 58002 | Transfer to Capital | 62,000 | 62,000 | 0 | 0 | 0 | | |
| 58022 | Internal Debt Charges | 557,000 | 557,300 | 801,000 | 0 | 801,000 | | |
| 58601 | Cost Allocation - Admin | 81,460 | 91,500 | 87,100 | (600) | 86,500 | | |
| 58608 | C.A. - Finance | 57,830 | 57,830 | 57,830 | 0 | 57,830 | | |
| 58617 | C.A. - H.S.R. | 550 | 550 | 550 | 0 | 550 | | |
| 58637 | C.A. - Insurance | 151,410 | 151,410 | 151,410 | 0 | 151,410 | | |
| 58682 | C.A. - Facilities | 5,000 | 5,800 | 5,600 | 0 | 5,600 | | |
| 58683 | C.A. - Roads | 2,500 | 2,900 | 3,200 | 0 | 3,200 | | |
| 58690 | C.A. - W.C.B. | 5,900 | 5,900 | 6,000 | 0 | 6,000 | | |
| 58736 | C.A. - Regional Labs | 127,900 | 122,000 | 109,300 | (200) | 109,100 | | |
| 58835 | C.A. - Sewer Treatment | (227,285) | (264,100) | (226,400) | 0 | (226,400) | | |
| TOTAL EXPENDITURES | | 18,681,592 | 17,601,160 | 18,805,770 | (7,600) | 18,798,170 | 0.66% | 0.62% |
| ===== | | | | | | | | |
| 403000 REVENUES | | | | | | | | |
| 43411 | Ministry of the Environment | 1,573,580 | 754,900 | 1,152,600 | 0 | 1,152,600 | | |
| 43535 | Ont Multi-Material Recycling Inc. | 87,690 | 32,300 | 0 | 0 | 0 | | |
| 44011 | City of Hamilton - Recoveries | 10,000 | 10,000 | 10,000 | 0 | 10,000 | | |
| 44039 | Scrap Recoveries | 6,000 | 8,300 | 6,000 | 0 | 6,000 | | |
| 44040 | Laidlaw - Electric Recovery | 9,000 | 9,300 | 9,000 | 0 | 9,000 | | |
| 45002 | Fees | 1,400,000 | 1,074,400 | 1,820,000 | 0 | 1,820,000 | | |
| 46001 | Rentals and Leases | 253,900 | 181,254 | 330,100 | 0 | 330,100 | | |
| 47046 | From Capital - Waste Management | 203,460 | 212,370 | 239,720 | 0 | 239,720 | | |
| 44015 | Co-operative Advertising | 7,000 | 5,700 | 7,000 | 0 | 7,000 | | |
| 47101 | Transfer from Reserve | 0 | 1,011,519 | 0 | 0 | 0 | | |
| 48401 | Sale of Printed Matter | 0 | 0 | 12,000 | 0 | 12,000 | | |
| TOTAL REVENUES | | 3,550,630 | 3,300,043 | 3,586,420 | 0 | 3,586,420 | 1.01% | 1.01% |
| ===== | | | | | | | | |
| TO BE MET BY GENERAL LEVY | | 15,130,962 | 14,301,120 | 15,219,350 | (7,600) | 15,211,750 | 0.58% | 0.53% |
| ===== | | | | | | | | |

PROGRAM: WASTE MANAGEMENT
 ACTIVITY: DISPOSAL SITES
 SUB-ACTIVITY: GLANBROOK - REGIONAL SITE OPERATIONS

| ACCOUNT NUMBER | DESCRIPTION | 1994 BUDGET | 1994 ACTUAL | 1995 EXISTING | 1995 CHANGE | 1995 PROPOSED BUDGET | % INCREASE EXISTING | % INCREASE PROPOSED |
|-------------------|---------------------------|----------------|----------------|------------------|----------------|----------------------------|---------------------------|---------------------------|
| <hr/> | | | | | | | | |
| 403100 | EXPENDITURES | | | | | | | |
| 52202 | Taxes - Business | 6,000 | 5,830 | 6,000 | 0 | 6,000 | | |
| 52204 | Property Taxes | 48,500 | 41,800 | 42,900 | 0 | 42,900 | | |
| 53901 | Operating Supplies | 200 | 350 | 200 | 0 | 200 | | |
| 54412 | Leachate Removal/Disposal | 13,000 | 40,100 | 52,000 | 0 | 52,000 | | |
| 56401 | Consulting Services | 12,000 | 1,300 | 5,000 | 0 | 5,000 | | |
| 58637 | C.A. - Insurance | 3,000 | 3,000 | 3,000 | 0 | 3,000 | | |
| 58736 | C.A. - Regional Labs | 41,000 | 39,100 | 35,000 | (100) | 34,900 | | |
| <hr/> | | | | | | | | |
| | TOTAL EXPENDITURES | 123,700 | 131,480 | 144,100 | (100) | 144,000 | 16.49% | 16.41% |
| <hr/> | | | | | | | | |

1994 Actual Column Includes:

54412 Leachate springs on the sides of the landfill site resulted in an increase in leachate removal during 1994.

1995 Proposed Budget Column Includes:

Cost of taxes, insurance, site maintenance and an environmental monitoring program, essential for the operation of the Region's single active landfill site.

52202 Proposed Business Taxes - \$6,000 (estimate) (Roll # 10-07107-8000)

52204 Proposed Realty Taxes - \$42,900 (estimate) (Roll # 10-07107-8000)
 1995 Budget includes 2% increase over 1994 Probable Actual expenditure.

53901 Miscellaneous operating supplies ie. purchase of silicon tubing for peristaltic pump, waterra foot valves, polyethylene tubing, masking tape, rubber gloves.

54412 Increased leachate removal during 1995, to lower the mounded leachate on site (Stage I). Increased pumping intervals are required in 1995 to alleviate leachate breakouts onto the surface. The increase in pumping intervals went from once every week to once every two days. 1995 cost estimate based on \$230/pump @ 225 pumps for the year.

56401 Consulting services required for the Glanbrook Landfill Site Annual Report

58637 Liability Insurance

58736 Costs associated with the Regional Laboratory to carry out chemical analysis of groundwater samples (ie. Leachate analysis) to comply with MOEE Certificate of Approval

1995 Change Column:

Saving required to accommodate corporate reduction initiatives.
 (Regional Laboratory Portion)

BASE COMPONENTS & INDICES

A. LABOUR

| ITEM # | CATEGORY | SOURCE | Period 14 - 1994 | | | Period 15 - 1995 Estimate | | |
|------------------------|---|---|------------------|---------|---------|------------------------------|---------|---------|
| | | | JAN '93 | JAN '94 | RATIO | JAN '94 | JUN '94 | RATIO |
| 1. | Avg Hrly Earnings of Hrly rated mfg wage earners for Ont. | Statscan - Cat 72-002 Table 8 - Item 101-399 | 15.960 | 15.860 | 0.99373 | 15.860 | 15.790 | 0.99559 |
| 2. | Actual hrly rate of Ham-Went Reg empl. Truck Driver. | Regional Personnel Director Sal. grp. D13(a) Local 5 | 17.157 | 17.157 | 1.00000 | 17.157 | 17.157 | 1.00000 |
| 3 | Actual Hrly rate of Laidlaw Machine Operator | Laidlaw Tech Inc Landfill - Hamilton | 18.850 | 19.950 | 1.05836 | 19.950 | 19.950 | 1.00000 |
| 4. | Average Hrly earnings in mfg in Canada | Statscan - Cat 72-002 Table 8 - Item 101-399 | 15.330 | 15.390 | 1.00391 | 15.390 | 15.290 | 0.99350 |
| 5 * | Avg wkly earnings for Streets and heavy const. for Canada | Statscan - Cat 72-002 Table 8 - Item 412 | 679.330 | 626.240 | 0.92185 | 626.240 | 723.730 | 1.15568 |
| Total | | | 4.97785 | | | 5.14476 | | |
| Average | | | 0.99557 | | | 1.02895 | | |
| Factor (Average * 40%) | | | 0.39823 (A) | | | 0.41158 (A) | | |

B. EQUIPMENT CAPITAL

| ITEM # | CATEGORY | SOURCE | Period 14 - 1994 | | | Period 15 - 1995 Estimate | | |
|------------------------|--|---|------------------|---------|---------|------------------------------|---------|---------|
| | | | JAN '93 | JAN '94 | RATIO | JAN '94 | JUN '94 | RATIO |
| 1. | Mach. & Equip Price index by Commodity Specialized use constr. | Statscan - Cat 62-011 Table 2 - Item D691986 | 115.200 | 116.300 | 1.00955 | 116.300 | 118.500 | 1.01892 |
| 2. | Price Index for Trucks, Domestic Heavy | Statscan - Cat 62-011 Table 2 - Item D692106 | 126.600 | 133.300 | 1.05292 | 133.300 | 138.700 | 1.04051 |
| Total | | | 2.06247 | | | 2.05943 | | |
| Average | | | 1.03124 | | | 1.02971 | | |
| Factor (Average * 20%) | | | 0.20625 (B) | | | 0.20594 (B) | | |

C. OTHER OPERATING EXPENSES

| ITEM # | CATEGORY | SOURCE | Period 14 - 1994 | | | Period 15 - 1995 Estimate | | |
|------------------------|---|---|------------------|---------|---------|------------------------------|---------|---------|
| | | | JAN '93 | JAN '94 | RATIO | JAN '94 | AUG '94 | RATIO |
| 1 | Indust. selling prices for motor vehicle parts & access. mfg. | Statscan - Cat 62-011 Table 3 - Item D694182 | 102.300 | 104.300 | 1.01955 | 104.300 | 106.700 | 1.02301 |
| 2 | Indust. selling prices for electr. Indust Equip Mfgs | Statscan - Cat 62-011 Table 3 - Item D694186 | 121.100 | 120.200 | 0.99257 | 120.200 | 127.100 | 1.05740 |
| 3 | Indust. selling prices for Diesel Oil - Ontario | Statscan - Cat 62-011 Table 2 - Item D692415 | 95.400 | 87.10 | 0.91300 | 87.100 | 93.30 | 1.07118 |
| Total | | | 2.92512 | | | 3.15160 | | |
| Average | | | 0.97504 | | | 1.05053 | | |
| Factor (Average * 20%) | | | 0.19501 (C) | | | 0.21011 (C) | | |

D. PROFIT AND OVERHEAD

ADJUSTING FACTOR (A+B+C+D)

0.20000 (D)

0.20000 (D)

0.99948

1.02763

Jan '93 numbers are taken from last year's contract calculation as submitted by Laidlaw.

CALCULATION OF CONTRACT AMOUNT FOR 1994

1. Total Period 13 contract price = 11,125,272.84 (excl. GST)
 Population @ end of 1992: 453755
 Price per person : $\frac{11,125,272.84}{453755} = 24.518237$

2. Total Period 14 contract price = Price per person for Period 13 X
 Adjusting Factor X Population

Population @ end of 1993 : 458576 **
 Price per person 24.51824
 Population 1993 X 458576
 Adjusting factor X 0.999483
 11,237,663.84 (excl. GST)
 337,129.92 (GST .03)

1994 CONTRACT PRICE 11,574,793.75

LESS: 1993 ACCRUAL ADJUSTMENT:

(\$34,602.56)

\$11,540,191.19

ESTIMATION OF CONTRACT AMOUNT FOR 1995

1. Total Period 14 contract price = 11,237,663.84 (excl. GST)
 Population @ end of 1993: 458576
 Price per persc $\frac{11,237,663.84}{458576} = 24.505565$

2. Total Period 15 contract price = Actual Period 14 price X
 Adjusting Factor X Population

Population @ end of 1994 : 453998 ***
 Price per person 24.50556
 Population 1994 X 453998
 Adjusting factor X 1.027630
 = 11,432,877.31 (excl. GST)
 342,986.32 (GST .03)

1995 PROJECTED
 CONTRACT PRICE 11,775,863.63

| 1994 Contract Amount | | Estimation of 1995 Contract Amount |
|----------------------|--------------|------------------------------------|
| 11,574,793.75 | Indicie | 11,775,863.63 |
| | 2% inflation | 11,806,289.63 |
| | 3% inflation | 11,922,037.57 |
| | 4% inflation | 12,037,785.50 |

The Region's Finance Department is utilizing a 2% inflation rate for 1995 which is very consistent with the contract calculation using the most up to date indicie numbers.

Population 1991 451,068
 1992 453,755
 1993 458,576 **
 1994 453,998 ***

** Source: Ministry of Finance
 Hamilton-Wentworth Property Assessment
 Carl Christie @ 521-7649

PROGRAM: WASTE MANAGEMENT
ACTIVITY: EXTERNAL CONTRACTS

| ACCOUNT NUMBER | DESCRIPTION | 1994 BUDGET | 1994 ACTUAL | 1995 EXISTING | 1995 CHANGE | 1995 PROPOSED BUDGET | % INCREASE EXISTING | % INCREASE PROPOSED |
|---------------------|-----------------------------|----------------|----------------|------------------|----------------|----------------------------|---------------------------|---------------------------|
| 403101 EXPENDITURES | | | | | | | | |
| 56401 | Consulting Services | 50,000 | 78,300 | 180,000 | 0 | 180,000 | | |
| 56907 | Laidlaw Waste System | 11,802,802 | 11,540,200 | 11,775,900 | 0 | 11,775,900 | | |
| 56926 | Glanbrook Disposal Agrmt | 175,000 | 161,890 | 165,000 | 0 | 165,000 | | |
| 58637 | C.A. - Insurance | 107,410 | 107,410 | 107,410 | 0 | 107,410 | | |
| TOTAL EXPENDITURES | | 12,135,212 | 11,887,800 | 12,228,310 | 0 | 12,228,310 | 0.77% | 0.77% |
| 403101 REVENUE | | | | | | | | |
| 44039 | Scrap Recoveries | 6,000 | 8,300 | 6,000 | 0 | 6,000 | | |
| 44040 | Laidlaw - Electric Recovery | 9,000 | 9,300 | 9,000 | 0 | 9,000 | | |
| 45002 | Fees | 1,400,000 | 1,074,400 | 1,820,000 | 0 | 1,820,000 | | |
| TOTAL REVENUES | | 1,415,000 | 1,092,000 | 1,835,000 | 0 | 1,835,000 | 29.68% | 29.68% |

1994 Actual Column Includes:

- 56401 Consulting fees (Proctor & Redfern) associated with the preparation of "Terms of Reference" for the Region's tender for a new long term Solid Waste Management Contract.
- 56907 Payment to Laidlaw in accordance with Contractual Obligation.
To expire December 31, 1995. (See Schedule A)
- 56926 Reimburse Glanbrook for the location of the Landfill site and for services provided by the Township. This cost is based on the amount of tonnage brought to the Landfill site from Glanbrook. (usually 2-3% of total tonnage).
This percentage is multiplied by the 1994 General Levy budget amount. As per the Glanbrook Contract, Glanbrook is entitled to a 50% rebate.
- 45002 Fees are lower than expected due to lower quantities of waste being received at the transfer stations.
Planned Tonnages (approx) : 20,000 for 1994 X \$70.00/tonne
Actual Tonnages: 15,348 for 1994 X \$70.00/tonne

1995 Proposed Budget Column Includes: Expenditures

- 56401 Funds required to accommodate consulting fees from Proctor & Redfern to assist in the selection of the preferred proponent(s) and contract negotiation phases of the Solid Waste Management Service Agreement.
- 56907 Contractual agreement for Laidlaw to operate the Region's Solid Waste disposal facilities (ie. SWARU, Transfer Stations, Landfill Site) which collectively process approximately 210,000 tonnes of waste annually.
The contract expires December 31, 1995.
- 56926 Contractual agreement to reimburse Glanbrook for the location of the site. and for services provided by the Township (fire, etc.)

1995 Proposed Budget Column Includes: Revenues

- 44039 Scrap Recoveries from SWARU (Metal recovery process) and Transfer Stations (ie. fridge, stoves) estimated at \$120,000 (based on last year's recoveries).
As per the contract, Laidlaw receives 95% of recoveries and the Region receives 5%.
- 44040 SWARU generates electricity which is sold back to Ontario Hydro, estimated at \$180,000 (based on last year's recoveries). As per the contract, Laidlaw receives 95%, Region receives 5%.
- 45002 Anticipating 15,000 tonnes @ \$70.00/tonne for 1995 plus 11,000 tonnes for Ash Disposal from Woodward Avenue
Fees are collected from Cash Customers and Commercial/Industrial clients.

PROGRAM: WASTE MANAGEMENT
 ACTIVITY: DISPOSAL SITES
 SUB-ACTIVITY: TRANSFER STATIONS - DISPOSAL OPERATIONS

| ACCOUNT NUMBER | DESCRIPTION | 1994 BUDGET | 1994 ACTUAL | 1995 EXISTING | 1995 CHANGE | 1995 PROPOSED BUDGET | % INCREASE EXISTING | % INCREASE PROPOSED |
|-------------------|--------------------|----------------|----------------|------------------|----------------|----------------------------|---------------------------|---------------------------|
| ----- | | | | | | | | |
| 403200 | EXPENDITURES | | | | | | | |
| 52202 | Business Taxes | 61,600 | 59,900 | 61,100 | 0 | 61,100 | | |
| 52204 | Property Taxes | 134,800 | 147,000 | 150,000 | 0 | 150,000 | | |
| ----- | | | | | | | | |
| | TOTAL EXPENDITURES | 196,400 | 206,900 | 211,100 | 0 | 211,100 | 7.48% | 7.48% |
| ===== | | | | | | | | |

1995 Proposed Budget Column Includes:

| | Location | Roll Number | Amounts | Totals |
|-----------------|-------------------|-----------------|-------------|--------------|
| ----- | | | | |
| Business Taxes | 27 Olympic Drive | (10-02603-9000) | \$13,500.00 | |
| Property Taxes | | | \$26,900.00 | |
| Business Taxes | 460 Kenora Avenue | (05-04810-5600) | \$27,900.00 | |
| Property Taxes | | | \$55,900.00 | |
| * Grant-in-lieu | | | \$16,300.00 | |
| Business Taxes | 37 Kilbride | (06-07610-0500) | \$19,700.00 | \$61,100.00 |
| Property Taxes | | | \$50,800.00 | \$150,000.00 |

1995 Proposed Budget includes Property & Business Taxes @ 2% Higher than 1994 Actuals.

* Grant-in-lieu: Property classified by Regional Assessment Office as Vacant Land Owned by Public Utility.
 Classification passed on October 1993 and effective January 1, 1994.

PROGRAM: WASTE MANAGEMENT
 ACTIVITY: DISPOSAL SITES
 SUB-ACTIVITY: TRANSFER STATIONS - SCALE OPERATIONS

| ACCOUNT NUMBER | DESCRIPTION | 1994 BUDGET | 1994 ACTUAL | 1995 EXISTING | 1995 CHANGE | 1995 PROPOSED BUDGET | % INCREASE EXISTING | % INCREASE PROPOSED |
|---------------------|------------------------------|----------------|----------------|------------------|----------------|----------------------------|---------------------------|---------------------------|
| 403201 EXPENDITURES | | | | | | | | |
| 53901 | Operating Supplies | 8,000 | 10,425 | 9,000 | 0 | 9,000 | | |
| 54038 | Repairs - Equipment | 17,500 | 9,600 | 17,500 | 0 | 17,500 | | |
| 54063 | Regional Repairs - Equipment | 8,400 | 0 | 8,400 | 0 | 8,400 | | |
| 56003 | Hydro | 12,000 | 11,500 | 11,200 | 0 | 11,200 | | |
| 56024 | Off Site Telephone | 2,000 | 2,000 | 3,000 | 0 | 3,000 | | |
| 57717 | Scale Operations | 202,000 | 192,500 | 208,000 | 0 | 208,000 | | |
| 58617 | C.A. - H.S.R. | 550 | 550 | 550 | 0 | 550 | | |
| 58637 | C.A. - Insurance | 1,200 | 1,200 | 1,200 | 0 | 1,200 | | |
| TOTAL REVENUES | | 251,650 | 227,775 | 258,850 | 0 | 258,850 | 2.86% | 2.86% |

1995 Proposed Budget Column Includes:

- 53901 Miscellaneous expenditures associated with the operation of the transfer stations, ie. air condition filters, the purchase of weight scale tickets
- 54038 Maintenance of scales and scale equipment.
Maintenance occurs three times per year and anytime that there is a problem with the scales.
- 54063 Allocation for Regional Maintenance staff to carry out equipment maintenance as required.
Wages, equipment required to repair electrical problems, mechanical air conditioning sump pump breakdowns, overhead lights and heaters.
- 56003 Region is charged by Laidlaw. Charges are negotiated at the beginning of the year. Based on estimated watts used for each transfer station (Kenora, Mountain, Dundas) (Billed quarterly) The 1995 budget assumes the same watts as 1994.
Kenora: 74,260 kw/hr cost: \$4990
Mountain: 28,500 kw/hr cost: \$2133
Dundas: 29,750 kw/hr cost: \$4075
Total watts: 132,510 kw/hr cost: \$11,200

- 56024 Charges for telephone use at the transfer station (Mountain - 389-4698, Kenora - 578-7518, Dundas - 628-5574). Installation of touchtone phone with 1 line intercom at all three transfer stations.

- 57717 Funds required for the annual cost of providing 7 transfer station weigh scale attendants to deal with the public, waste haulers and visitors, to make transactions, record incoming waste and revenue and to act as the Region's representatives at the facilities. This is a service which is provided to the Region on a 100% contractual basis. Contract allows for a salary increase for the Scale Attendants. Contract expires December/95.

Biweekly costs:

| | |
|--|-------------------|
| Kenora: 120 hrs Scale Operators (\$16.45/hr) | \$1,974 |
| 80 hrs Supervisor (\$17.72/hr) | \$1,417 |
| Mountain: 120 hrs Scale Operators (\$16.45/hr) | \$1,974 |
| Dundas: 120 hrs Scale Operators (\$16.45/hr) | \$1,974 |
| | <u>\$7,339</u> |
| GST(3%) | 220.17 |
| | <u>\$7,559.17</u> |

TOTAL COST FOR THE YEAR

| | |
|---------------------|------------------|
| | \$196,538 |
| ADDITIONAL COSTS: * | \$11,500 |
| | <u>\$208,038</u> |

* Scale operators usually work more than 10 hours a day. The Transfer stations close at 6:00 pm, however, scale operators must stay on the job until the last vehicle has left. The contract amount allows for these additional costs, however, the Region pays based on actual invoices, provided on a monthly basis.

- 58617 Information System Support costs for Solid Waste Management System network (SWMS). This system collects information from customers regarding: weight of collection, municipality vs private hauler and the costs associated with the collection. (Housed at 330 Wentworth North - HSR)

PROGRAM: WASTE MANAGEMENT
ACTIVITY: S.W.A.R.U.

| ACCOUNT NUMBER | DESCRIPTION | 1994 BUDGET | 1994 ACTUAL | 1995 EXISTING | 1995 CHANGE | 1995 PROPOSED BUDGET | % INCREASE EXISTING | % INCREASE PROPOSED |
|---------------------|---------------------|----------------|----------------|------------------|----------------|----------------------------|---------------------------|---------------------------|
| 403300 EXPENDITURES | | | | | | | | |
| 52202 | Taxes - Business | 88,067 | 85,500 | 87,200 | 0 | 87,200 | | |
| 52204 | Property Taxes | 178,808 | 174,000 | 177,000 | 0 | 177,000 | | |
| 53982 | Replacement - Bags | 100,000 | 75,000 | 100,000 | (6,800) | 93,200 | | |
| 54201 | Repairs - Buildings | 220,000 | 186,000 | 10,000 | 0 | 10,000 | | |
| 56929 | Flyash Disposal | 211,250 | 235,500 | 211,250 | 0 | 211,250 | | |
| 58637 | C.A. - Insurance | 39,800 | 39,800 | 39,800 | 0 | 39,800 | | |
| TOTAL EXPENDITURES | | 837,925 | 795,800 | 625,250 | (6,800) | 618,450 | -25.38% | -26.19% |
| 403300 REVENUES | | | | | | | | |
| 46001 | Rentals & Leases | 0 | 854 | 900 | 0 | 900 | | |
| | | 0 | 854 | 900 | 0 | 900 | | |

1994 Actual Includes:

54201 Complete restoration of the roof over the SWARU boilers and control room.

1995 Proposed Budget Column Includes:

Cost of taxes, insurance, building maintenance, and fly ash removal for the plant which incinerates one third of the Region's solid waste.

53982 Purchase of replacement bags for #1 Baghouse. Approximately 1500 bags, plus 500 spares. Each bag is approximately \$50 each. The additional spares are to replace any of the bags in both Baghouses. The number of bags in the baghouses total 3,000.

52202 Proposed Business Taxes - \$87,200 (estimate) (Roll # 05-04810-5660)
52204 Proposed Realty Taxes - \$177,000 (estimate) (Roll # 05-04810-5660)
Property: SWARU - 470 Kenora Avenue

54201 Due to Aging Facility, funds required for miscellaneous problems and breakdowns.

56929 Based on disposal of 6,000 tonnes of fly ash @ \$35/tonne. (Contract RHW-92-53)
Cost also includes disposal of used bags from the Baghouse (Emission Control System) estimated at \$1,250 (\$250 per tonne * 5 tonnes of used bags)

46001 Lease revenue for property at 36 Keefer Court.
1995 Budget based on 5% increase from 1994 as per Lease Agreement between Tuite Construction and the Region. Council report approved on June 21, 1994.

1995 Change Column:

* Saving required to accommodate corporate reduction initiatives in 1995.
(Waste Management Portion)

PROGRAM: WASTE MANAGEMENT
 ACTIVITY: FORMER LANDFILL
 SUBACTIVITY: UPPER OTTAWA - SITE MANAGEMENT

| ACCOUNT NUMBER | DESCRIPTION | 1994 BUDGET | 1994 ACTUAL | 1995 EXISTING | 1995 CHANGE | 1995 PROPOSED BUDGET | % INCREASE EXISTING | % INCREASE PROPOSED |
|-------------------|---------------------------|----------------|----------------|------------------|----------------|----------------------------|---------------------------|---------------------------|
| ----- | | | | | | | | |
| 403400 | EXPENDITURES | | | | | | | |
| 53901 | Operating Supplies | 300 | 200 | 200 | 0 | 200 | | |
| 54038 | Repairs - Equipment | 5,100 | 2,700 | 5,000 | 0 | 5,000 | | |
| 54412 | Leachate Removal/Disposal | 4,200 | 1,500 | 2,000 | 0 | 2,000 | | |
| 56003 | Hydro | 500 | 300 | 300 | 0 | 300 | | |
| ----- | | | | | | | | |
| | TOTAL EXPENDITURES | 10,100 | 4,700 | 7,500 | 0 | 7,500 | -25.74% | -25.74% |
| ===== | | | | | | | | |

1995 Proposed Budget Column Includes:

53901 Operating supplies include gloves, towels, etc.

54038 Allowance for repairs and maintenance to the leachate collection and pumping systems. Flow meter readings, pump readings, and routine maintenance

54412 Expense is required for cost of pumping leachate with portable equipment when and if the automatic system pumps break down.

56003 Hamilton Hydro charges for the Leachate Pumping System. (Billed Monthly)

PROGRAM: WASTE MANAGEMENT
 ACTIVITY: FORMER LANDFILL
 SUBACTIVITY: UPPER OTTAWA - GAS FLARING

| ACCOUNT NUMBER | DESCRIPTION | 1994 BUDGET | 1994 ACTUAL | 1995 EXISTING | 1995 CHANGE | 1995 PROPOSED BUDGET | % INCREASE EXISTING | % INCREASE PROPOSED |
|-------------------|---------------------|----------------|----------------|------------------|----------------|----------------------------|---------------------------|---------------------------|
| 403401 | EXPENDITURES | | | | | | | |
| 53901 | Operating Supplies | 500 | 510 | 600 | 0 | 600 | | |
| 54038 | Repairs - Equipment | 8,000 | 8,900 | 8,000 | 0 | 8,000 | | |
| 56003 | Hydro | 2,500 | 3,000 | 3,000 | 0 | 3,000 | | |
| 56006 | Water | 200 | 0 | 0 | 0 | 0 | | |
| 56024 | Off Site Telephone | 500 | 500 | 500 | 0 | 500 | | |
| 56401 | Consulting Services | 2,000 | 0 | 2,000 | 0 | 2,000 | | |
| | TOTAL EXPENDITURES | 13,700 | 10,910 | 14,100 | 0 | 14,100 | 2.92% | 2.92% |

1995 Proposed Budget Column Includes

Operating and maintenance costs for the landfill gas flaring system at the former Ottawa Street Landfill Site. The system collects and flares methane gas generated by the landfill site.

53901 Operating supplies include shelving and tools

54038 Routine repairs are to the gas analyser Servomax, the methane & oxygen analyser. The system is aging and a number of components and parts are showing signs of failure.

56003 Hamilton Hydro costs for the Gas Flaring System (Billed Monthly)

56024 Telephone charges for Upper Ottawa - 574-8933

56401 Consulting Services as required to assist Regional Staff in the operation of the gas flaring system and the adjustment of valves, motors, meters, etc. in order to attain optimum performance as landfill gas flows fluctuate due to weather, gas generation, oxygen intake, etc.

PROGRAM: WASTE MANAGEMENT
 ACTIVITY: FORMER LANDFILL
 SUBACTIVITY: VARIOUS SITES

| ACCOUNT NUMBER | DESCRIPTION | 1994 BUDGET | 1994 ACTUAL | 1995 EXISTING | 1995 CHANGE | 1995 PROPOSED BUDGET | % INCREASE EXISTING | % INCREASE PROPOSED |
|---------------------|---------------------------|----------------|----------------|------------------|----------------|----------------------------|---------------------------|---------------------------|
| 403402 EXPENDITURES | | | | | | | | |
| 53901 | Operating Supplies | 200 | 300 | 1,200 | 0 | 1,200 | | |
| 53909 | New Equipment | 400 | 1,000 | 1,200 | 0 | 1,200 | | |
| 54038 | Repairs - Equipment | 600 | 0 | 600 | 0 | 600 | | |
| 54401 | Ground Maintenance | 3,000 | 2,500 | 1,000 | 0 | 1,000 | | |
| 54412 | Leachate Removal/Disposal | 15,000 | 15,500 | 2,000 | 0 | 2,000 | | |
| 56003 | Hydro | 400 | 500 | 500 | 0 | 500 | | |
| 56401 | Consulting Services | 30,000 | 14,000 | 25,000 | 0 | 25,000 | | |
| 58736 | C.A. - Regional Labs | 86,900 | 82,900 | 74,300 | (100) | 74,200 | | |
| TOTAL EXPENDITURES | | 136,500 | 116,700 | 105,800 | (100) | 105,700 | - 22.49% | - 22.56% |

1994 Actual Column Includes:

56401 Consultant was brought in to ascertain the need for a leachate collection system.

1995 Proposed Budget Column Includes:

Costs associated with the Environmental Monitoring Program for nine of the Region's ten former landfill sites.

53901 Various equipment is required to sample ground water, surface
 53909 water, maintain, sampling ports ie: tubing, sampling
 54038 apparatus: New Equipment, ie. Pump, Depth Indicator

54401 To provide ground maintenance on former landfill sites, weed control.

54412 No longer pump leachate from Brampton Landfill Holding Pond.
 This pond is now contacted directly to a sanitary sewer which
 feeds to the WWTP.
 Budget provides for maintenance of pumps & testing of samples.

56003 Ontario Hydro costs for Leachate pumps (Billed quarterly)

56401 Require consultant to provide a working model for a leachate collection system
 at the Brampton Landfill Site.

58736 Costs associated with the Regional Laboratory to carry out chemical analysis of
 groundwater samples.

1995 Change Column:

Saving required to accommodate corporate reduction initiatives.
 (Regional Laboratory Portion)

PROGRAM: WASTE MANAGEMENT
 ACTIVITY: ADMINISTRATIVE SUPPORT SERVICES – SOLID WASTE
 SUBACTIVITY: DIRECT COSTS

| ACCOUNT NUMBER | DESCRIPTION | 1994 BUDGET | 1994 PROBABLE ACTUAL | 1995 EXISTING | 1995 CHANGE | 1995 PROPOSED BUDGET | % INCREASE EXISTING | % INCREASE PROPOSED |
|---------------------|---------------------------------|----------------|----------------------------|------------------|----------------|----------------------------|---------------------------|---------------------------|
| 403500 EXPENDITURES | | | | | | | | |
| 51001 | Salaries | 261,400 | 233,200 | 261,400 | 0 | 261,400 | | |
| 51801 | Employee Benefits | 45,700 | 42,100 | 45,700 | 0 | 45,700 | | |
| 53231 | Motor Vehicle Charges | 9,200 | 12,300 | 9,050 | 0 | 9,050 | | |
| 55050 | Rent – Cellular telephone | 2,400 | 1,200 | 2,400 | 0 | 2,400 | | |
| 56301 | Advertising | 8,000 | 14,600 | 14,200 | 0 | 14,200 | | |
| 57101 | Training Courses | 0 | 0 | 4,000 | 0 | 4,000 | | |
| 57002 | Mileage | 1,000 | 600 | 1,000 | 0 | 1,000 | | |
| 58690 | C.A. – W.C.B. | 2,600 | 2,600 | 2,700 | 0 | 2,700 | | |
| TOTAL EXPENDITURES | | 330,300 | 306,600 | 340,450 | 0 | 340,450 | 3.07% | 3.07% |
| 403500 REVENUES | | | | | | | | |
| 44011 | City of Hamilton – Recoveries | 10,000 | 10,000 | 10,000 | 0 | 10,000 | | |
| 47046 | From Capital – Waste Management | 130,600 | 122,500 | 136,200 | 0 | 136,200 | | |
| 44015 | Co-operative Advertising | 7,000 | 5,700 | 7,000 | 0 | 7,000 | | |
| TOTAL REVENUES | | 147,600 | 138,200 | 153,200 | 0 | 153,200 | 3.79% | 3.79% |

1995 Proposed Budget Column Includes: Expenses

FTE = 5

| | |
|-------|---|
| 53231 | Motor Vehicle Charges for 2 Solid Waste Field Technicians (Fixed Amount) |
| 55050 | Cellular phone rental for 2 Solid Waste Field Technicians |
| 57101 | Staff training and Staff development ie. Project Management Courses Landfill Design Course Solid Waste Operation Course Environmental Law/Legislation Course Industrial Hygiene/Toxicology |
| 56301 | Costs associated with Spectator Advertisements pertaining to Garbage Collection Schedules and Transfer Station Schedules during Holidays. |

1995 Proposed Budget Column Includes: Revenues

| | |
|-------|--|
| 44011 | Recoveries for the preparation of Transportation/Environmental Services Committee Reports for the City of Hamilton. |
| 47046 | Capital portion of Administrative Costs – 40% |
| 45016 | Recovery from other Municipalities for Joint Regional Advertising |

PROGRAM: WASTE MANAGEMENT
 ACTIVITY: ADMINISTRATIVE SUPPORT SERVICES - WASTE MANAGEMENT
 SUBACTIVITY: INDIRECT COSTS

| ACCOUNT NUMBER | DESCRIPTION | 1994 BUDGET | 1994 ACTUAL | 1995 EXISTING | 1995 CHANGE | 1995 PROPOSED BUDGET | % INCREASE EXISTING | % INCREASE PROPOSED |
|---------------------|-----------------------------|----------------|----------------|------------------|----------------|----------------------------|---------------------------|---------------------------|
| 403501 EXPENDITURES | | | | | | | | |
| 58601 | C.A. - Environmental Admin. | 81,460 | 91,500 | 87,100 | (600) | 86,500 | | |
| 58682 | C.A. - Facilities | 5,000 | 5,800 | 5,600 | 0 | 5,600 | | |
| 58683 | C.A. - Roads | 2,500 | 2,900 | 3,200 | 0 | 3,200 | | |
| TOTAL EXPENDITURES | | 88,960 | 100,200 | 95,900 | (600) | 95,300 | 7.80% | 7.13% |

1995 Change Column:

 Saving required to accommodate corporate reduction initiatives.
 (Environmental Administration Portion)

PROGRAM: WASTE MANAGEMENT
 ACTIVITY: ADMINISTRATIVE SUPPORT SERVICES – SOLID WASTE
 SUBACTIVITY: FINANCIAL CHARGES

| ACCOUNT NUMBER | DESCRIPTION | 1994 BUDGET | 1994 ACTUAL | 1995 EXISTING | 1995 CHANGE | 1995 PROPOSED BUDGET | % INCREASE EXISTING | % INCREASE PROPOSED |
|-------------------|-----------------------|----------------|----------------|------------------|----------------|----------------------------|---------------------------|---------------------------|
| ----- | | | | | | | | |
| 403502 | EXPENDITURES | | | | | | | |
| 58002 | Transfer to Capital | 62,000 | 62,000 | 0 | 0 | 0 | | |
| 58022 | Internal Debt Charges | 557,000 | 557,300 | 801,000 | 0 | 801,000 | | |
| 58608 | C.A. – Finance | 57,830 | 57,830 | 57,830 | 0 | 57,830 | | |
| ----- | | | | | | | | |
| | TOTAL EXPENDITURES | 676,830 | 677,130 | 858,830 | 0 | 858,830 | 26.89% | 26.89% |
| ===== | | | | | | | | |

1994 Actual and 1995 Budget as per the Region's approved capital financing plan.

PROGRAM: WASTE MANAGEMENT
 ACTIVITY: ADMINISTRATIVE SUPPORT SERVICES
 SUBACTIVITY: SENIOR ADMINISTRATION

| ACCOUNT NUMBER | DESCRIPTION | 1994 BUDGET | 1994 ACTUAL | 1995 EXISTING | 1995 CHANGE | 1995 PROPOSED BUDGET | % INCREASE EXISTING | % INCREASE PROPOSED |
|-------------------|---------------------------------|----------------|----------------|------------------|----------------|----------------------------|---------------------------|---------------------------|
| ----- | | | | | | | | |
| 403503 | EXPENDITURES | | | | | | | |
| 51001 | Salaries | 94,900 | 99,150 | 94,900 | 0 | 94,900 | | |
| 51801 | Employee Benefits | 19,000 | 17,500 | 19,000 | 0 | 19,000 | | |
| 51908 | Pro/Membership Dues | 0 | 0 | 300 | 0 | 300 | | |
| 53901 | Operating Supplies | 2,000 | 1,700 | 2,000 | 0 | 2,000 | | |
| 57002 | Mileage | 2,000 | 3,100 | 0 | 0 | 0 | | |
| 57001 | Staff Travel Expenses | 0 | 0 | 2,000 | 0 | 2,000 | | |
| 58690 | C.A. - W.C.B. | 900 | 900 | 900 | 0 | 900 | | |
| ----- | | | | | | | | |
| | TOTAL EXPENDITURES | 118,800 | 122,350 | 119,100 | 0 | 119,100 | 0.25% | 0.25% |
| ===== | | | | | | | | |
| 403503 | REVENUE | | | | | | | |
| 47046 | From Capital - Waste Management | 23,760 | 24,470 | 23,820 | 0 | 23,820 | | |
| ----- | | | | | | | | |
| | TOTAL REVENUES | 23,760 | 24,470 | 23,820 | 0 | 23,820 | 0.25% | 0.25% |
| ===== | | | | | | | | |

1995 Proposed Budget Column Includes: Expenditures

 FTE = 2

51908 Annual Membership Dues for Canadian Environmental Regulation & Compliance News

1995 Proposed Budget Column Includes: Revenues

 47046 Capital portion of Administrative Costs - 20%

PROGRAM: WASTE MANAGEMENT
 ACTIVITY: RESIDENTIAL WASTE REDUCTION
 SUBACTIVITY: RECYCLING PROGRAM

| ACCOUNT NUMBER | DESCRIPTION | 1994 BUDGET | 1994 PROBABLE ACTUAL | 1995 EXISTING | 1995 CHANGE | 1995 PROPOSED BUDGET | % INCREASE EXISTING | % INCREASE PROPOSED |
|---|-------------|----------------|----------------------------|------------------|----------------|----------------------------|---------------------------|---------------------------|
| 403700 EXPENDITURES | | | | | | | | |
| 51908 Pro/Membership Dues | | 0 | 615 | 615 | 0 | 615 | | |
| 56319 Promotion | | 12,000 | 16,700 | 23,000 | 0 | 23,000 | | |
| 56901 Contractual Fee | | 3,134,000 | 2,348,686 | 3,126,812 | 0 | 3,126,812 | | |
| 53901 Operating Supplies | | 20,000 | 9,500 | 9,000 | 0 | 9,000 | | |
| 57001 Staff Travel Expenses | | 1,500 | 1,200 | 1,500 | 0 | 1,500 | | |
| TOTAL EXPENDITURES | | 3,167,500 | 2,376,701 | 3,160,927 | 0 | 3,160,927 | -0.21% | -0.21% |
| 403700 REVENUES | | | | | | | | |
| 47101 Transfer from Reserve | | 0 | 1,011,519 | 0 | 0 | 0 | | |
| 43411 Ministry of the Environment | | 1,573,580 | 754,900 | 1,152,600 | 0 | 1,152,600 | | |
| 43535 Ont Multi-Material Recycling Inc. | | 87,690 | 32,300 | 0 | 0 | 0 | | |
| 46001 Rentals and Leases | | 253,900 | 180,400 | 329,200 | 0 | 329,200 | | |
| TOTAL REVENUES | | 1,915,170 | 1,979,119 | 1,481,800 | 0 | 1,481,800 | -22.63% | -22.63% |

1994 Probable Actual Column Includes: (Audited statements from Third Sector due February 15, 1995)

The recycling program is based on weekly collection of recyclables (9 items).

56901 Contract information is detailed on the following pages.

Revenues from MOEE and OMMRI were underbudget due to funding formula changes and program elimination, respectively. Funding under the MOEE Municipal Recycling Support Program (MRSP) will expire on March 30, 1996. The Region receives subsidy for 33% of 1/3 of its net operating and 50% of its promotional expenses in 1994. A change in the MOEE's funding formula in 1994 created a reduction in subsidy and revenue shortfall situation. Funding from the Ontario Soft Drink Association (OSDA) Top-up Program concluded in June. Subsidy from OMMRI/OSDA are not expected to be re-instituted as market prices for material sales are expected to remain high.

47101 Transfer from Reserve: The Recycling Program Reserve currently has \$299,804.
 The 1994 Third Sector Operating Surplus is projected at \$711,714 due to excessive revenues in Aluminum cans. The 1994 Surplus plus the current reserve totals \$1.011 million in Reserve Funds available.

43411 MOEE Funding Calculation:

1994 Claims Submitted:

| | Gross cost (1/3) | Net Cost (1/3) | Claimed Amount |
|---|------------------|----------------|-------------------|
| January | \$99,269.00 | N/A | \$99,269.00 |
| February | \$115,077.00 | N/A | \$115,077.00 |
| March | \$125,834.00 | N/A | \$125,834.00 |
| April | N/A | \$80,180.35 | \$80,180.35 |
| May | N/A | \$76,715.96 | \$76,715.96 |
| June | N/A | \$76,494.42 | \$76,494.42 |
| July | N/A | \$67,797.71 | \$67,797.71 |
| August | N/A | \$61,870.36 | \$61,870.36 |
| September | | \$50,115.00 | \$50,115.00 |
| October | | \$38,509.00 | \$38,509.00 |
| November | | \$45,784.00 | \$45,784.00 |
| December | | \$45,785.39 | \$45,785.39 |
| Plus: Promotional Claim (Jan, 1994 - March, 1994) | | | \$4,509.00 |
| Plus: Promotional Claim (April, 1994 - December 1994) | | | \$7,300.00 |
| | | | \$895,241.19 |
| LESS: MOEE OVERPAYMENT: | | | \$140,348 |
| | | | \$754,893.19 |

1995 Proposed Budget Column Includes:

51908 Annual Membership Dues for Recycling Council of Canada & The Association
of Municipal Recycling Co-ordinators

56319 Promotion: Christmas Ads, Easter Ads, Brochures, Depot Signs.

56901 See Supplementary Information

46001 See Supplementary Information

* Tonnage projection is 20,000 tonnes

* No contingency for ONTARIO REGULATION 103/94 which mandates all multi-residential dwellings
of 6 units or more, to implement a source separation (recycling) program, which will
create an increased demand for service.

1995 MOEE FUNDING CALCULATION:

| | |
|--------------------------------|----------------|
| Regional Salaries for 1995: | \$237,600.00 |
| Regional Benefits for 1995: | \$47,500.00 |
| Regional WCB charges for 1995: | \$2,400.00 |
| Operating Supplies: | \$9,000.00 |
| Third Sector Gross Costs: | \$4,635,012.00 |

| | |
|--------------|----------------|
| Total Costs: | \$4,931,512.00 |
|--------------|----------------|

| | |
|--------------------------|----------------|
| Less: Projected Revenues | \$1,508,200.00 |
|--------------------------|----------------|

| | |
|--------------|----------------|
| Total Costs: | \$3,423,312.00 |
|--------------|----------------|

| | |
|----------------------------------|----------------|
| 1/3 MOEE FUNDING OF TOTAL COSTS: | \$1,141,100.00 |
|----------------------------------|----------------|

| | |
|---------------------------------|-------------|
| PLUS: 50% OF PROMOTIONAL COSTS: | \$11,500.00 |
|---------------------------------|-------------|

| | |
|--|----------------|
| | \$1,152,600.00 |
| | ===== |

PROGRAM: THIRD SECTOR RECYCLING

| ACCOUNT NUMBER | DESCRIPTION | 1993 BUDGET | 1993 ACTUAL | REVISED 1994 BUDGET | 1994 PROBABLE ACTUALS | 1995 PROPOSED BUDGET | % INCREASE BUDGET |
|-------------------|--|----------------------|----------------------|---------------------------|-----------------------------|----------------------------|-------------------------|
| 403700 | EXPENDITURES | | | | | | |
| | <u>Wages & Benefits</u> | | | | | | |
| | Hourly Wages | \$1,725,600 | \$1,572,785 | \$1,680,000 | 1,650,487 | 1,750,000 | |
| | Administration | \$238,500 | \$217,379 | \$246,000 | 254,570 | 248,500 | |
| | Employee Benefits | \$471,400 | \$409,652 | \$520,000 | 483,927 | 650,712 | |
| | | <u>\$2,435,500</u> | <u>\$2,199,817</u> | <u>\$2,446,000</u> | <u>2,388,984</u> | <u>2,649,212</u> | 8.31% |
| | <u>Equipment & Services:</u> | | | | | | |
| | Process Equipment Repair & Maintenance | \$155,000 | \$157,701 | \$125,000 | 151,295 | 160,000 | |
| | Mobile Equipment Repair & Maintenance | \$229,200 | \$312,038 | \$250,000 | 283,713 | 288,000 | |
| | Materials and Supplies | \$310,000 | \$377,766 | \$270,000 | 307,187 | 350,000 | |
| | Telephone & Postage | \$7,300 | \$11,200 | \$12,000 | 9,676 | 10,000 | |
| | Office Supplies | \$18,400 | \$10,708 | \$11,000 | 10,905 | 11,000 | |
| | Equipment Rental – Region | \$232,815 | \$166,914 | \$180,400 | 180,400 | 329,200 | |
| | Equipment Rental – Other | \$190,485 | \$80,455 | \$207,000 | 199,073 | 214,300 | |
| | Building Rental | \$288,000 | \$190,407 | \$205,000 | 190,407 | 205,000 | |
| | Insurance | \$120,000 | \$82,362 | \$125,000 | 98,000 | 122,000 | |
| | Professional Services | \$28,000 | \$50,076 | \$35,000 | 43,395 | 40,000 | |
| | Bank Charges | \$10,500 | \$10,344 | \$10,000 | 8,799 | 10,000 | |
| | Equipment Amortization | \$55,000 | \$54,996 | \$46,000 | 45,996 | 4,600 | |
| | Miscellaneous | \$11,000 | \$10,063 | \$12,000 | 9,129 | 8,500 | |
| | Purchased Labour | \$177,800 | \$177,804 | \$180,000 | 180,000 | 187,200 | |
| | G.S.T. Paid on Purchases | \$0 | \$39,373 | \$0 | 39,639 | 0 | |
| | Sub – Contractor | \$29,000 | \$43,812 | \$46,000 | 33,222 | 46,000 | |
| | | <u>\$1,862,500</u> | <u>\$1,776,018</u> | <u>\$1,714,400</u> | <u>\$1,790,836</u> | <u>\$1,985,800</u> | 15.83% |
| | TOTAL GROSS OPERATING COSTS | <u>\$4,298,000</u> | <u>\$3,975,835</u> | <u>\$4,160,400</u> | <u>\$4,179,820</u> | <u>\$4,635,012</u> | 11.41% |
| | REVENUES: | <u>(\$1,085,040)</u> | <u>(\$1,089,588)</u> | <u>(\$1,100,000)</u> | <u>(\$1,831,134)</u> | <u>(\$1,508,200)</u> | 37.11% |
| | TOTAL NET OPERATING COSTS | <u>\$3,212,960</u> | <u>\$2,886,247</u> | <u>\$3,060,400</u> | <u>\$2,348,686</u> | <u>\$3,126,812</u> | 2.17% |
| | Tonnes: | <u>24,000</u> | <u>18,992</u> | <u>24,000</u> | <u>20,000</u> | <u>20,000</u> | |

EXPLANATION OF 1994 PROBABLE ACTUAL:

Probable actual projected as at November 30/94. Budget SURPLUS projected at \$711,714.

Process Equipment: Efficiencies and cost savings projected from previous year have not materialized due to breakdown of Process equipment which led to extensive repair costs. Also included maintenance costs on leased bob cats scheduled for replacement with more efficient and less maintenance intensive leased bob cats.

Mobile Equipment Repair and Maintenance: Overexpenditure due to maintenance, repair and rental costs to keep aging fleet on the road. Originally budgeted to retire these vehicles in March 1994, now expect all new 8 vehicles to be on the road by December, 1994.

Materials and Supplies: Includes shop and processing supplies, shipping and waste disposal costs. Projected reductions in this category not achieved and some new expenses incurred (shipping glass cullet.)

Equipment Rental – Region: See following page.

Insurance: Expenses will be underbudget due to delay in delivery of 8 new vehicles.

Professional Services: These expenses for lawyers, accountants and consultants, will be over – expended due to advisory requirements for Regional and union contract negotiations, and a GST Canada audit.

Revenues: New markets and arrangements have been established by contractor to offset cost of program to Region. Almost all materials have generated higher than expected revenues especially the cost of Aluminum Cans @ \$1,200/tonne.

1995 EXISTING BUDGET COLUMN INCLUDES:

Hourly Wages: Hourly wages are for 70 regular hourly rated employees.
A reduction of employees from 83 to 70 (reduced by one shift) due to lack of work.
Partially a result of the expiration of the Haldimand – Norfolk contract.
Budget represents expectations of outcome from Collective Agreement negotiations currently underway.

Administration: Includes 10 salaried employees. (Same in 1994)
Supervisory staff no longer required on third shift.
Restructuring of supervisory staff in 1995.

Employee Benefits: Increase in 1995 benefits due to increased cost of benefit package and anticipated costs due to negotiations of Collective Agreement.
1994 budget indicated 27% in benefits, 1995 budget indicates 33% in benefits.
Anticipating a large increase in benefits (under the new Collective Agreement), due to the comparison of public & private benefit packages.

Process Equipment Rental & Maintenance: Includes fuel, repair and maintenance of operating equipment in processing warehouse. 1995 Budget has increased from 1994 due to the aging of process equipment and underestimate in the 1994 budget.

Mobile Equipment Repair & Maintenance: Includes fuel, repair and maintenance costs of collection vehicles. The fleet will total 20 vehicles on full time collections with 2 spares.
Also includes \$18,000 in modifications to existing fleet to increase capacity by 10% per vehicle.

Materials & Supplies: Includes shipping materials to market, waste disposal to landfill sites and shop and processing supplies. Increased costs of transportation and supplies are expected for 1995 over 1994.

Telephone & Postage: Costs for 3 phone lines, one FAX line and one dedicated computer modem link to Region. This modem link is for the Blue Box Tracking program which is hooked up to the mainframe.

Office Supplies: Includes office requirements and brochures.

Equipment Rental – Region: Regional Lease of 13 Sideloaders, 1 Baler, Conveyor System, and 2 Toploaders.
Equipment Rental – Other: Leasing of 3 bobcats (\$22,061.52) and 6 Sideloaders (\$192,234).

Building Rental: Lease is a straight rate with an agreement to increase based on on previous years utility use and tax rate. The Third Sector Recycling Centre is located at 1579 Burlington St.E. Approximately 60,000 square feet of storage space is utilized. Varies according to collection.

Insurance: The purchase of 8 new trucks in late 1994 will increase insurance costs accordingly.
Third Sector must insure vehicles as part of Contract.
Insurance rates vary on type of vehicle and age of vehicle.

Professional Services: Includes legal, audit, and consultant fees in accounting and labour relation areas.

Bank Charges: Fees for services, payroll.

Equipment Amortization: Straight–line amortization of office equipment (computers) (Net Book Value = \$13,697 over 3 years)

Miscellaneous: Mileage allowances, printed materials, employee recognition prizes when applicable.
Employee recognition prizes varies, and is not a regular activity.

Purchased Labour: 20 employees funded partially by Federal Government Youth Training Program. This labour is needed for collection and processing activities which in turn provide job skills training. Represents net costs after subsidy. Increase in costs due to 4% increase in minimum wage for 1995.

G.S.T Paid on Purchases: Third Sector is a non–profit organization and as such is entitled to receive a 50% rebate on all GST spent. This amount is net of subsidy.

Sub–contractor: Costs associated with Egger Excavating for the pick up of recyclables in Glanbrook.
Sub–contractors used during Holidays & for unforeseen breakdown of collection equipment.

REVENUES: The increase in the cost of the materials collected have resulted in increased revenues.
Revenues from collection & baling fees. Tonnages projected at 20,000.

**1995 SUMMARY SCHEDULE
Third Sector Vehicle Lease Revenue**

Lease revenue from Third Sector for vehicles purchased by the Region for use in the Recycling Program.

Vehicles purchased in 1991: (Lease expires in 1996)

* Lease value calculated at 9.5%, 5 year term

| Vehicles Purchased | Base Cost | PST | GST | Total Cost | MOEE Share | OMMRI Share | Lease Value | Monthly Lease Payment * |
|-----------------------------|---------------------|--------------------|--------------------|---------------------|---------------------|---------------|---------------------|-------------------------|
| Labrie Toploader | \$83,632.00 | \$6,666.56 | \$5,854.24 | \$96,152.80 | \$31,943.93 | \$0.00 | \$64,208.87 | \$1,348.49 |
| Labrie Toploader | \$83,632.00 | \$6,666.56 | \$5,854.24 | \$96,152.80 | \$31,943.93 | \$0.00 | \$64,208.87 | \$1,348.49 |
| Dempster Sideloaders | \$69,780.00 | \$5,582.40 | \$4,884.60 | \$80,247.00 | \$26,749.00 | \$0.00 | \$53,498.00 | \$1,123.55 |
| Dempster Sideloaders | \$69,780.00 | \$5,582.40 | \$4,884.60 | \$80,247.00 | \$26,749.00 | \$0.00 | \$53,498.00 | \$1,123.55 |
| Dempster Sideloaders | \$69,780.00 | \$5,582.40 | \$4,884.60 | \$80,247.00 | \$26,749.00 | \$0.00 | \$53,498.00 | \$1,123.55 |
| Dempster Sideloaders | \$69,780.00 | \$5,582.40 | \$4,884.60 | \$80,247.00 | \$0.00 | \$0.00 | \$80,247.00 | \$1,685.32 |
| Dempster Sideloaders | \$69,780.00 | \$5,582.40 | \$4,884.60 | \$80,247.00 | \$0.00 | \$0.00 | \$80,247.00 | \$1,685.32 |
| 1 Baler and Conveyor System | \$277,694.00 | \$22,215.52 | \$19,438.58 | \$319,348.10 | \$106,449.36 | \$0.00 | \$212,898.74 | \$4,471.23 |
| TOTAL | \$793,858.00 | \$63,460.64 | \$55,570.06 | \$912,888.70 | \$250,584.22 | \$0.00 | \$662,304.48 | \$13,909.50 |

Toploaders purchased from LABRIE EQUIPMENT INC.
Sideloaders purchased from DEMPSTER TRUCKING.

Vehicles purchased in 1994: (Lease expires in 1999)

** As at June 27, 1994, Lease payment calculated at 8.5%, 5 year term

| Vehicles Purchased | Actual Cost | PST | GST | Estimated Total Cost | MOEE Share | OMMRI Share | Lease Value | Monthly Lease Payment ** |
|--------------------|---------------------|--------------------|--------------------|----------------------|--------------------|---------------|---------------------|--------------------------|
| Sideloaders | \$74,435.00 | \$5,954.80 | \$5,210.45 | \$85,795.73 | \$0.00 | \$0.00 | \$85,795.73 | \$1,760.23 |
| Sideloaders | \$74,435.00 | \$5,954.80 | \$5,210.45 | \$85,795.73 | \$0.00 | \$0.00 | \$85,795.73 | \$1,760.23 |
| Sideloaders | \$74,435.00 | \$5,954.80 | \$5,210.45 | \$85,795.73 | \$0.00 | \$0.00 | \$85,795.73 | \$1,760.23 |
| Sideloaders | \$74,435.00 | \$5,954.80 | \$5,210.45 | \$85,795.73 | \$0.00 | \$0.00 | \$85,795.73 | \$1,760.23 |
| Sideloaders | \$74,435.00 | \$5,954.80 | \$5,210.45 | \$85,795.73 | \$0.00 | \$0.00 | \$85,795.73 | \$1,760.23 |
| Sideloaders | \$74,435.00 | \$5,954.80 | \$5,210.45 | \$85,795.73 | \$0.00 | \$0.00 | \$85,795.73 | \$1,760.23 |
| Sideloaders | \$74,435.00 | \$5,954.80 | \$5,210.45 | \$85,795.73 | \$0.00 | \$0.00 | \$85,795.73 | \$1,760.23 |
| Sideloaders | \$74,435.00 | \$5,954.80 | \$5,210.45 | \$85,795.73 | \$27,540.95 | \$0.00 | \$58,254.78 | \$1,195.19 |
| TOTALS | \$595,480.00 | \$47,638.40 | \$41,683.60 | \$686,365.84 | \$27,540.95 | \$0.00 | \$658,824.89 | \$13,516.80 |

TOTAL MONTHLY LEASE REVENUE WITH 8 NEW VEHICLES

\$27,426.30

Sideloaders purchased from Walinga Engineered Transportation Equipment

1995 Monthly Lease Revenue Generated:

| | Monthly Lease Revenue | Accumulated Total |
|-----------------|-----------------------|-------------------|
| January, 1995 | \$27,426.30 | \$27,426.30 |
| February, 1995 | \$27,426.30 | \$54,852.60 |
| March, 1995 | \$27,426.30 | \$82,278.90 |
| April, 1995 | \$27,426.30 | \$109,705.20 |
| May, 1995 | \$27,426.30 | \$137,131.50 |
| June, 1995 | \$27,426.30 | \$164,557.80 |
| July, 1995 | \$27,426.30 | \$191,984.10 |
| August, 1995 | \$27,426.30 | \$219,410.40 |
| September, 1995 | \$27,426.30 | \$246,836.70 |
| October, 1995 | \$27,426.30 | \$274,263.00 |
| November, 1995 | \$27,426.30 | \$301,689.30 |
| December, 1995 | \$27,426.30 | \$329,115.60 |

1995 BUDGET

1994 Monthly Lease Revenue Generated:

| | Monthly Lease Revenue | Accumulated Total |
|-----------------|-----------------------|-------------------|
| January, 1994 | \$13,909.50 | \$13,909.50 |
| February, 1994 | \$13,909.50 | \$27,818.99 |
| March, 1994 | \$13,909.50 | \$41,728.49 |
| April, 1994 | \$13,909.50 | \$55,637.99 |
| May, 1994 | \$13,909.50 | \$69,547.48 |
| June, 1994 | \$13,909.50 | \$83,456.98 |
| July, 1994 | \$13,909.50 | \$97,366.48 |
| August, 1994 | \$13,909.50 | \$111,275.97 |
| September, 1994 | \$13,909.50 | \$125,185.47 |
| October, 1994 | \$13,909.50 | \$139,094.97 |
| November, 1994 | \$13,909.50 | \$153,004.47 |
| December, 1994 | \$27,426.30 | \$180,430.77 |

1994 PROBABLE ACTUAL

\$180,430.77

-58-

PROGRAM: WASTE MANAGEMENT
 ACTIVITY: RESIDENTIAL WASTE REDUCTION
 SUBACTIVITY: HOUSEHOLD HAZARDOUS WASTE

| ACCOUNT NUMBER | DESCRIPTION | 1994 BUDGET | 1994 ACTUAL | 1995 EXISTING | 1995 CHANGE | 1995 PROPOSED BUDGET | % INCREASE EXISTING | % INCREASE PROPOSED |
|-------------------|------------------------|----------------|----------------|------------------|----------------|----------------------------|---------------------------|---------------------------|
| 403701 | EXPENDITURES | | | | | | | |
| 53901 | Operating Supplies | 500 | 200 | 200 | 0 | 200 | | |
| 56319 | Promotion | 36,100 | 29,000 | 48,100 | 0 | 48,100 | | |
| 56901 | Contractual Services | 465,900 | 555,300 | 465,900 | 0 | 465,900 | | |
| 57001 | Staff Travel Expenses | 300 | 350 | 350 | 0 | 350 | | |
| 57101 | Training Courses | 500 | 0 | 500 | 0 | 500 | | |
| 58835 | C.A. - Sewer Treatment | (227,285) | (264,100) | (226,400) | 0 | (226,400) | | |
| | TOTAL EXPENDITURES | 276,015 | 320,750 | 288,650 | 0 | 288,650 | 4.58% | 4.58% |
| 403701 | REVENUES | | | | | | | |
| 48401 | Sale of Printed Matter | 0 | 0 | 12,000 | 0 | 12,000 | | |
| | | 0 | 0 | 12,000 | 0 | 12,000 | N/A | N/A |

DIVERSION:

Costs associated with this program are primarily variable. The site service cost for 52 weeks is \$48,000. In 1994 there were 150,000 litres of liquid waste which were diverted. This represents approx. 7890 cars at \$60 per car.

1994 Actual Column Includes:

56901 Overexpenditure a result from a highly successful mobile community event program held in the Spring. Increase in waste volume were higher than expected by an average of 4,000 litres a day. (Budget Exception Report ENV 94-111)

57101 PCB workshop not available in 1994 and rescheduled for 1995.

1995 Proposed Budget Column Includes:

Costs associated with Contract RHW 90-72 with Hotz Environmental Services for the provision of a permanent Household Hazardous Waste Depot for Regional Residents. Contract to expire Jan/96. This contract allows for an approximate cost of \$500,000 including promotion for Household Hazardous Waste collection. However, Regional payments are based on actual invoices provided by Hotz on a monthly basis. Costs are determined by the type of waste collected.

56319 Allocation for quarterly Spectator advertisements, SpecTel AudioText information hotline brochures for public distribution and the Household hazardous waste portion of the Waste Management Citizen's Guide. The Region is responsible for promoting the program

58835 This program benefits the Sanitary Sewer Program by properly disposing of hazardous waste rather than disposing it by household resources (ie. drains, toilets). Costs of 45% are allocated to the Sanitary Sewer Program.

48401 Revenues from other Departments for the Citizen's Guide (2 issues, 6 pages)
 Costs are \$2,000/page/issue.
 1995 budget assumes 3 pages/issue = \$6,000 x 2 issues = \$12,000

PROGRAM: WASTE MANAGEMENT
 ACTIVITY: RESIDENTIAL WASTE REDUCTION
 SUBACTIVITY: BACKYARD COMPOSTING PROGRAM

| ACCOUNT NUMBER | DESCRIPTION | 1994 BUDGET | 1994 ACTUAL | 1995 EXISTING | 1995 CHANGE | 1995 PROPOSED BUDGET | % INCREASE EXISTING | % INCREASE PROPOSED |
|-------------------|---------------------------------|----------------|----------------|------------------|----------------|----------------------------|---------------------------|---------------------------|
| 403702 | EXPENDITURES | | | | | | | |
| 51001 | Salaries | 7,500 | 7,350 | 0 | 0 | 0 | | |
| 51702 | Overtime | 0 | 0 | 8,000 | 0 | 8,000 | | |
| 53901 | Operating Supplies | 2,000 | 1,000 | 2,000 | 0 | 2,000 | | |
| 56319 | Promotion | 8,000 | 29,250 | 26,000 | 0 | 26,000 | | |
| 56901 | Contractual Services | 1,700 | 0 | 14,000 | 0 | 14,000 | | |
| | TOTAL EXPENDITURES | 19,200 | 37,600 | 50,000 | 0 | 50,000 | 160.42% | 160.42% |
| 403702 | REVENUES | | | | | | | |
| 47046 | From Capital - Waste Management | 19,200 | 37,600 | 50,000 | 0 | 50,000 | | |
| | | 19,200 | 37,600 | 50,000 | 0 | 50,000 | 160.42% | 160.42% |

All costs associated with this cost centre are 100% recoverable from sales of composters and are transferred to the Capital program to offset the cost of capital purchase.

1994 Actual Column Includes:

56319 Increase in Actual due to aggressive promotional campaign
 56901 and allocation of Distribution/Transportation charges to Contractual Services
 However, all costs fully recovered by Sale of Composters and Ministry of Environment & Energy funding.

1995 Budget Column Includes:

Supply and Delivery of Backyard Composting Units via "Truckload Sale" Events to Regional Residents at a subsidized rate. Program: up to 10,000 units.
 Total cost per composter to fund the program: \$14.00/composter

56901 Distribution charges from Contractor.

PROGRAM: WASTE MANAGEMENT
 ACTIVITY: ADMINISTRATIVE SUPPORT - RESIDENTIAL WASTE REDUCTION
 SUBACTIVITY: DIRECT COSTS

| ACCOUNT NUMBER | DESCRIPTION | 1994 BUDGET | 1994 ACTUAL | 1995 EXISTING | 1995 CHANGE | 1995 PROPOSED BUDGET | % INCREASE EXISTING | % INCREASE PROPOSED |
|---------------------|---------------------------------|----------------|----------------|------------------|----------------|----------------------------|---------------------------|---------------------------|
| 403704 EXPENDITURES | | | | | | | | |
| 51001 | Salaries | 239,200 | 226,050 | 237,600 | 0 | 237,600 | | |
| 51801 | Employee Benefits | 47,800 | 40,400 | 47,500 | 0 | 47,500 | | |
| 53231 | Motor Vehicle Charges | 3,900 | 2,160 | 3,900 | 0 | 3,900 | | |
| 57002 | Mileage | 500 | 1,050 | 500 | 0 | 500 | | |
| 57101 | Training | 5,000 | 5,700 | 5,000 | 0 | 5,000 | | |
| 58690 | C.A. - W.C.B. | 2,400 | 2,400 | 2,400 | 0 | 2,400 | | |
| TOTAL EXPENDITURES | | 298,800 | 277,760 | 296,900 | 0 | 296,900 | - 0.64% | - 0.64% |
| 403704 REVENUES | | | | | | | | |
| 47046 | From Capital - Waste Management | 29,900 | 27,800 | 29,700 | 0 | 29,700 | | |
| TOTAL REVENUES | | 29,900 | 27,800 | 29,700 | 0 | 29,700 | - 0.67% | - 0.67% |

FTE = 6

1995 Proposed Budget Column includes: Expenditures

53231 Vehicle charges from the City of Hamilton. Vehicles used when required.

57101 Training Courses:

- * Management Training courses
- * Municipal Workshops - Household Hazardous Waste, Composting, etc.
- * Internal Training Courses (eg. Public Speaking)

1995 Proposed Budget Column includes: Revenues

47046 Capital portion of Administrative Costs - 10%

**ENVIRONMENTAL
SERVICES
DEPARTMENT**

**1995
CURRENT
BUDGET**

**INFRASTRUCTURE
MAINTENANCE**

REGIONAL MUNICIPALITY OF HAMILTON-WENTWORTH
1995 CURRENT BUDGET

DEPARTMENT: ENVIRONMENTAL SERVICES
PROGRAM: INFRASTRUCTURE MAINTENANCE

PROGRAM DESCRIPTION

PURPOSE:

To carry out emergency repairs and preventative maintenance on the Region's Waste Water collection and Water Distribution Systems.

OBJECTIVES:

To provide emergency repairs if there are system failures or deficiencies that present potential health or property damage risks to homeowners.

To ensure proper system operation of both the Waste Water Collection and Water Distribution System.

To comply with legislated requirements of the fire code and water quality.

PERFORMANCE MEASUREMENTS:

The 1995 planned accomplishments for various activities are as follows:

| | |
|---------------------------------|---------|
| # of Sanitary Sewer Repairs | 35 |
| # of Sewer Cleaning (metres) | 375,000 |
| # of Sewer Inspections (metres) | 487,500 |
| # of Watermain Repairs | 750 |
| # of Hydrant Repairs | 340 |
| # of Hydrant Inspections | 10,600 |
| # of Valve Repairs | 415 |
| # of Valve Inspections | 9,485 |
| # of Service Repairs | 510 |
| # of Service Inspections | 3,000 |
| # of Manhole Repairs | 122 |

Infrastructure Maintenance monitors and maintains:

| | |
|--------|--------------------------|
| 2,000 | Kilometres of Main Sewer |
| 27,000 | Sewer Manholes |
| 1,500 | Kilometres of Watermains |
| 12,900 | Watermain Control Valves |
| 10,600 | Fire Hydrants |
| 90,000 | Water Services |

DETAILS:

As part of the proposed 1995 Budget, accounts have been established to track the costs of operating supplies, motor vehicle charges, wages and contractual services. These costs form the largest percentage of expenditures. They comprise of the following items within each catogory:

WAGES:

Costs are associated with sustaining regular hours of preventative and emergency maintenance as well as off hour emergency repairs, recoverable services and capital programs including Valve and Hydrant Replacement carried out by 97 permanent maintenance employees.

OPERATING SUPPLIES:

Sewer and Water Pipe
Repair Clamps
Hydrants and associated parts
Valves and associated parts
Precast Chambers
Fill
Road Patching Materials

MOTOR VEHICLE CHARGES:

These items are necessary in order to operate the fleet of service vehicles and specialty equipment:

7 backhoes/loaders
3 sewer flushers
3 hydraulic hoist trucks
10 dump trucks
11 utility maintenance trucks
22 light duty inspection and investigation trucks as well as gas operated small equipment such as compressors, pumps and saws.

CONTRACTUAL SERVICES:

Funds are required to hire specialty equipment and/or expertise not available from within the Region's resources such as:

TV inspection of sewers
Backhoes to supplement existing equipment
Backhoes for repairs that exceed the capabilities of Regional Equipment

DEPARTMENT : ENVIRONMENTAL SERVICES
PROGRAM : INFRASTRUCTURE MAINTENANCE

PROGRAM COST SUMMARY

| ACCOUNT NUMBER DESCRIPTION | 1994 BUDGET | 1994 ACTUAL | 1995 EXISTING | 1995 CHANGE | 1995 PROPOSED BUDGET | % INCREASE EXISTING | % INCREASE PROPOSED |
|-------------------------------|----------------|----------------|------------------|----------------|----------------------------|---------------------------|---------------------------|
| 408000 EXPENDITURES | | | | | | | |
| 408001 SUPPORT SERVICES | 982,200 | 1,508,900 | 515,100 | (47,600) | 467,500 | | |
| 408002 SYSTEM MAINTENANCE | 7,807,050 | 11,789,600 | 9,991,000 | 0 | 9,991,000 | | |
| TOTAL EXPENDITURES | 8,789,250 | 13,298,500 | 10,506,100 | (47,600) | 10,458,500 | 19.53% | 18.99% |
| 408004 REVENUES | | | | | | | |
| 44622 C.A. Waterworks | 5,541,225 | 10,977,435 | 6,992,870 | (33,320) | 6,959,550 | | |
| 44623 C.A. Sanitary Sewers | 1,180,825 | 494,145 | 1,219,820 | (9,520) | 1,210,300 | | |
| 44643 C.A. Storm Sewers | 528,900 | 247,059 | 545,410 | (4,760) | 540,650 | | |
| 47001 Transfer From Capital | 1,394,000 | 1,493,750 | 1,580,000 | 0 | 1,580,000 | | |
| 45027 Recoverable Services | 139,400 | 79,600 | 166,000 | 0 | 166,000 | | |
| 44301 Public Works Recovery | 4,900 | 6,510 | 2,000 | 0 | 2,000 | | |
| TOTAL REVENUE | 8,789,250 | 13,298,500 | 10,506,100 | (47,600) | 10,458,500 | 19.53% | 18.99% |

1995 Change Column:

Saving required to accommodate corporate reduction initiatives in 1995.
(Infrastructure Maintenance Portion)

OBJECT SUMMARY

ACTIVITY : INFRASTRUCTURE MAINTENANCE
SUB-ACTIVITY : SUPPORT SERVICES

| ACCOUNT NUMBER DESCRIPTION | 1994 BUDGET | 1994 ACTUAL | 1995 EXISTING | 1995 CHANGE | 1995 PROPOSED BUDGET | % INCREASE EXISTING | % INCREASE PROPOSED |
|-----------------------------------|----------------|----------------|------------------|----------------|----------------------------|---------------------------|---------------------------|
| 408001 EXPENDITURES | | | | | | | |
| 51001 Salaries | 31,800 | 34,300 | 31,800 | 0 | 31,800 | | |
| 51801 Employee Benefits | 6,400 | 8,200 | 6,400 | 0 | 6,400 | | |
| 53002 Office Equipment | 4,500 | 10,100 | 9,000 | 0 | 9,000 | | |
| 53231 Motor Vehicle Charges | 13,600 | 13,500 | 13,600 | 0 | 13,600 | | |
| 53402 Protective Clothing | 26,000 | 37,350 | 26,500 | 0 | 26,500 | | |
| 53907 Replacement Equipment | 29,200 | 29,320 | 29,000 | 0 | 29,000 | | |
| 53909 New Equipment | 14,900 | 20,730 | 167,500 | (47,600) | 119,900 | | |
| 54005 Repairs - Tools & Equipment | 24,900 | 14,500 | 25,000 | 0 | 25,000 | | |
| 54012 Repairs - Radio Equipment | 18,700 | 14,300 | 19,000 | 0 | 19,000 | | |
| 54054 Safety Equipment | 18,000 | 10,950 | 18,000 | 0 | 18,000 | | |
| 54411 Pavement Cuts * | 639,000 | 1,184,710 | 0 | 0 | 0 | | |
| 55011 Rent - Pager | 900 | 620 | 1,000 | 0 | 1,000 | | |
| 55050 Rent - Cellular Telephone | 4,500 | 3,830 | 4,500 | 0 | 4,500 | | |
| 56003 Hydro | 38,600 | 34,600 | 38,600 | 0 | 38,600 | | |
| 56006 Water | 2,700 | 2,200 | 3,100 | 0 | 3,100 | | |
| 56008 Natural Gas | 34,200 | 23,300 | 43,200 | 0 | 43,200 | | |
| 56013 Communications | 40,100 | 40,100 | 40,100 | 0 | 40,100 | | |
| 56020 One Call System | 30,000 | 22,800 | 30,000 | 0 | 30,000 | | |
| 56902 Security | 3,900 | 3,200 | 8,500 | 0 | 8,500 | | |
| 58690 C.A. W.C.B. | 300 | 300 | 300 | 0 | 300 | | |
| TOTAL EXPENDITURES | 982,200 | 1,508,900 | 515,100 | (47,600) | 467,500 | -47.56% | -52.40% |

The appropriations in this activity are required for wages, utilities and equipment necessary for the administrative support of the water works, sanitary sewer, storm sewer and combined sewer maintenance activities.

NOTE: FTE = 1 (Sewer/Water Maintenance Clerk)

* PAVEMENT CUT CHARGES MOVED TO SYSTEM MAINTENANCE IN 1995 (Centre # 408002)

Explanation of 1994 Actual:

53002: Office Equipment
Vernon Directory and 4 new chairs. Additional purchase of desk and chair required for Administrative Secretary (New Position).

53402: In accordance with Collective Agreement - Protective Clothing.
Protective clothing costs are overbudget due to extensive use of winter boots, purchase of prescription glasses for employees and to fully outfit 6 new employees.

53909: New Equipment:
New equipment overbudget due to the purchase of a Valve Machine which cost more than anticipated as well as purchased 2 Hinged Pipe Cutters and a Comcore Road Plate.

54411: Pavement Cuts: Includes 3% GST and 15% Overhead
Extensive pavement cuts due to Frozen Services and Watermain Repairs.

Frozen Services
428 @ approx. \$1,245/each \$532,955.47

Waterworks
751 @ approx. \$788/each \$591,858.66

Sanitary
108 @ approx. \$555/each \$59,898.48

\$1,184,712.61
=====

- 65-

408001

1995 Proposed Budget Column Includes:

- 53002 Office Equipment: Funds required for the maintenance and leasing of office equipment such as fax machines and photocopier. Purchase of directories, four replacement chairs, two computer tables, two printer stands and one fax copier stand.
- 53231 Motor Vehicle Charges for two Area Supervisors and a Maintenance Superintendent
- 53402 Funds required for the provision of uniforms, protective clothing, rubber boots, and safety boots for members of the Infrastructure Maintenance Group.
- 53907 Funds required for replacement of small construction equipment (ie. pumps and generators)
- 53909 Funds required for the purchase of New Equipment
- | | |
|--------------------------------------|---------------|
| Three metal detectors: | \$1,300.00 |
| Four concrete saws | \$1,200.00 |
| Dump Truck | \$65,000.00 |
| Back Hoe & Ram hoe – Kilbride | \$75,000.00 |
| Ram Hoe – District 3 | \$25,000.00 |
| | ----- |
| | \$167,500.00 |
| 1995 Corporate Reduction Initiatives | (\$47,600.00) |
| | ----- |
| | \$119,900.00 |
| | ===== |
- 54005 Funds required for the repair and maintenance of tools and equipment other than vehicles, backhoes and air compressors.
- 54012 Radio Equipment: Maintenance of Two-Way Radio
- 54054 Funds required for the purchase of safety equipment such as night lights, construction signs and delineators.
- 55011 Rent – Pager: For Standby Investigator and Foremen
- 55050 Rent – Cellular: For two Area Supervisors, one Maintenance Superintendent, and Foremen.
- 56003 Hydro: For Victoria, Dundas, Arvin Avenue and Kilbride yard
- 56006 Water: For Victoria, Dundas, Arvin Avenue and Kilbride yard
- 56008 Increase in cost of Natural Gas expected to be 3.5%.
Gas: For Victoria, Dundas, Arvin Avenue and Kilbride yard.
- 56013 City of Hamilton charges for their communication services on weekends and off-work hours. (47% Env. – 53% Roads)
- 56020 One Call System: Region's share of communication system for locating underground utilities.
- 56902 Maintenance of existing security systems at Kilbride, Victoria and Arvin Yards and the purchase of a new security system for Dundas Yard.

ACTIVITY : INFRASTRUCTURE MAINTENANCE
SUB-ACTIVITY : SYSTEM MAINTENANCE

OBJECT SUMMARY

| ACCOUNT NUMBER DESCRIPTION | 1994 BUDGET | 1994 ACTUAL | 1995 EXISTING | 1995 CHANGE | 1995 PROPOSED BUDGET | % INCREASE EXISTING | % INCREASE PROPOSED |
|--------------------------------|----------------|----------------|------------------|----------------|----------------------------|---------------------------|---------------------------|
| ----- | | | | | | | |
| 408002 EXPENDITURES | | | | | | | |
| 51101 Wages | 3,677,250 | 3,489,015 | 3,619,000 | 0 | 3,619,000 | | |
| 51728 Stand By & Trouble Calls | 130,000 | 127,200 | 125,000 | 0 | 125,000 | | |
| 51702 Overtime | 400,500 | 718,800 | 454,300 | 0 | 454,300 | | |
| 51739 Meal Allowances | 0 | 4,800 | 0 | 0 | 0 | | |
| 51801 Benefits | 809,000 | 737,100 | 796,200 | 0 | 796,200 | | |
| 52907 Bad debt expense | 0 | 3,700 | 0 | 0 | 0 | | |
| 53231 Motor Vehicle Charges | 868,830 | 954,700 | 728,500 | 0 | 728,500 | | |
| 53901 Operating Supplies | 1,156,010 | 1,756,350 | 1,461,500 | 0 | 1,461,500 | | |
| 54411 Pavement Cuts | 0 | 0 | 1,157,390 | 0 | 1,157,390 | | |
| 56301 Advertising & Publicity | 0 | 520 | 0 | 0 | 0 | | |
| 56901 Contractual Services | 647,760 | 3,845,920 | 1,348,500 | 0 | 1,348,500 | | |
| 56916 Fees For Service | (11,000) | (26,330) | 0 | 0 | 0 | | |
| 57007 Meals | 0 | 17,300 | 0 | 0 | 0 | | |
| 57785 Property Tax Credit | 0 | 28,300 | 0 | 0 | 0 | | |
| 58048 To Prod Enhance (PEP) | 0 | 2,460 | 0 | 0 | 0 | | |
| 58661 C.A. Roads (O/H) | 0 | 0 | 173,610 | 0 | 173,610 | | |
| 58690 C.A. W.C.B. | 128,700 | 129,790 | 127,000 | 0 | 127,000 | | |
| ----- | | | | | | | |
| TOTAL EXPENDITURES | 7,807,050 | 11,789,600 | 9,991,000 | 0 | 9,991,000 | 27.97% | 27.97% |
| ===== | | | | | | | |

FTE: 99 99 97 97

OVERTIME HOURS (EXTENDED): 210 404 262 262

NOTE: Overexpenditure in 1994 due to extensive Frozen Services and Watermain Repairs undertaken.

**ENVIRONMENTAL
SERVICES
DEPARTMENT**

**1995
CURRENT
BUDGET**

SEWER USE CONTROL

**REGIONAL MUNICIPALITY OF HAMILTON-WENTWORTH
1995 CURRENT BUDGET**

**DEPARTMENT: ENVIRONMENTAL SERVICES
PROGRAM: SEWER USE CONTROL**

PROGRAM DESCRIPTION

PURPOSE:

To control discharges to the Region's Sewer system and Waste Water Treatment Facilities.

To administer and enforce the Regional Sewer Use Control By-Law R89-049.

To provide twenty-four hour spill response.

OBJECTIVE:

To enforce the Sewer Use By-Law.

To provide industrial sampling and sewer monitoring.

To provide MISA Sewage treatment plant and domestic sampling.

To negotiate, prepare and administer Sewer Use Agreements.

To perform industrial inspections.

To encourage the public and industries to report all spills.

To ensure that spills are properly cleaned up.

To notify the Waste Water Treatment plants when spills reach the sewers.

PERFORMANCE MEASUREMENT:

| | | | |
|--------------------------------|---------------|---------------|---------------|
| <u>Spills:</u> | <u>1992</u> | <u>1993</u> | <u>1994</u> |
| Spills reported to the section | 1493 | 914 | 519 |
| Number of spills to the sewers | 38 | 220 | 276 |
| Number of spills responded to | 243 | 197 | 237 |
| Industrial sampling | 448 | 440 | 472 |
| In-sewer monitoring | 228 | 264 | 128 |
| Storm Outfall monitoring | 13 twice/week | 13 twice/week | 21 twice/week |
| Dye Testing-Residential | 0 | 0 | 81 |
| Dye Testing-Industrial | 0 | 0 | 5 |

| | | | |
|----------------------------------|-------------|-------------|-------------|
| <u>By-Law Enforcement:</u> | <u>1992</u> | <u>1993</u> | <u>1994</u> |
| Active overstrength/surcharge | | | |
| compliance agreements | | 32 | 37 |
| New agreements being negotiated | | 19 | 23 |
| Number of industrial inspections | 145 | 62 | 29 |

PROGRAM COST SUMMARY
BY ACTIVITY
(ROLLUP PAGE)

DEPARTMENT: ENVIRONMENTAL SERVICES
PROGRAM: WASTE MANAGEMENT – SEWER USE CONTROL

| ACCOUNT NUMBER DESCRIPTION | 1994 BUDGET | 1994 ACTUAL | 1995 EXISTING BUDGET | 1995 CHANGE | 1995 PROPOSED BUDGET | % INCREASE PROPOSED | INCREASE PROPOSED |
|--|----------------|----------------|----------------------------|----------------|----------------------------|---------------------------|----------------------|
| 403800 EXPENDITURES | | | | | | | |
| 403802 Sewer Use Control – Operations | 887,700 | 786,244 | 865,000 | (10,400) | 854,600 | | |
| 403803 Sewer Use Control – Spills | 3,500 | 2,148 | 3,000 | 0 | 3,000 | | |
| 403804 Industrial Waste/By–Law Enforcement | 1,588,900 | 2,025,602 | 1,716,600 | 0 | 1,716,600 | | |
| TOTAL EXPENDITURES | 2,480,100 | 2,813,994 | 2,584,600 | (10,400) | 2,574,200 | 4.21% | 3.79 |
| 403800 REVENUES | | | | | | | |
| 403804 Overstrength & Surcharge Agreements | 1,586,400 | 1,986,656 | 1,649,800 | 0 | 1,649,800 | | |
| 45100 Training Fees | 500 | 0 | 500 | 0 | 500 | | |
| 47046 From Capital – Waste Management | 0 | 38,946 | 64,800 | 0 | 64,800 | | |
| 48401 Sale of Printed Matter | 2,000 | 0 | 1,500 | 0 | 1,500 | | |
| 48913 Spill Control Recovery | 3,500 | 2,148 | 3,000 | 0 | 3,000 | | |
| 58835 C.A. – Sewer Treatment | 887,700 | 786,244 | 865,000 | (10,400) | 854,600 | | |
| TOTAL REVENUES | 2,480,100 | 2,813,994 | 2,584,600 | (10,400) | 2,574,200 | 4.21% | 3.79 |
| TO BE MET BY GENERAL LEVY | 0 | 0 | 0 | 0 | 0 | | |
| FULL TIME EQUIVALENT: | 13 | | | | | | |
| TEMPORARY: | 1 | | | | | | |

PROGRAM COST SUMMARY
BY ACTIVITY
(ROLLUP PAGE)

DEPARTMENT: ENVIRONMENTAL SERVICES
PROGRAM: WASTE MANAGEMENT - SEWER USE CONTROL

| ACCOUNT NUMBER DESCRIPTION | 1994 BUDGET | 1994 ACTUAL | 1995 EXISTING BUDGET | 1995 CHANGE | 1995 PROPOSED BUDGET | % INCREASE EXISTING | % INCREASE PROPOSED |
|-----------------------------------|----------------|----------------|----------------------------|----------------|----------------------------|---------------------------|---------------------------|
| 403800 EXPENDITURES | | | | | | | |
| 51001 Salaries | 580,500 | 579,302 | 616,200 | 0 | 616,200 | | |
| 51702 Overtime | 0 | 11,683 | 2,700 | (2,700) | 0 | | |
| 51801 Employee Benefits | 116,100 | 111,279 | 123,100 | 0 | 123,100 | | |
| 53119 Cleaning Supplies | 500 | 4 | 500 | 0 | 500 | | |
| 53231 Motor Vehicle Charges | 18,000 | 18,040 | 18,000 | 0 | 18,000 | | |
| 53402 Protective Clothing | 2,100 | 1,465 | 2,100 | 0 | 2,100 | | |
| 53901 Operating Supplies | 14,800 | 9,473 | 14,000 | 0 | 14,000 | | |
| 53904 Operating Equipment | 35,600 | 13,093 | 35,600 | (4,000) | 31,600 | | |
| 54038 Repairs - Equipment | 5,800 | 108 | 5,800 | 0 | 5,800 | | |
| 54601 Repairs / Maintenance | 1,700 | 1,106 | 1,700 | 0 | 1,700 | | |
| 55011 Rent - Pager | 1,800 | 1,483 | 1,300 | 0 | 1,300 | | |
| 55050 Rent - Cellular Telephone | 500 | 344 | 500 | 0 | 500 | | |
| 56301 Advertising & Publicity | 800 | 0 | 800 | 0 | 800 | | |
| 56319 Promotion | 15,000 | 5,319 | 15,000 | 0 | 15,000 | | |
| 56413 Medical Fees | 0 | 0 | 2,600 | 0 | 2,600 | | |
| 56549 System Programming | 7,000 | 3,950 | 0 | 0 | 0 | | |
| 56901 Contractual Services | 5,000 | 4,462 | 5,000 | 0 | 5,000 | | |
| 57002 Mileage | 2,900 | 4,866 | 3,700 | 0 | 3,700 | | |
| 57007 Meals | 500 | 594 | 500 | 0 | 500 | | |
| 57101 Training Courses | 8,100 | 6,303 | 8,100 | 0 | 8,100 | | |
| 58617 C.A. - H.S.R. | 200 | 200 | 200 | 0 | 200 | | |
| 58690 C.A. - W.C.B. | 5,800 | 5,800 | 6,100 | 0 | 6,100 | | |
| 58746 C.A. - Sewer Treatment | 1,271,600 | 1,670,879 | 1,343,400 | 2,700 | 1,346,100 | | |
| 58773 C.A. - Organics Lab | 193,900 | 181,225 | 213,700 | (6,100) | 207,600 | | |
| 58774 C.A. - Waste Water Lab | 191,900 | 183,016 | 164,000 | (300) | 163,700 | | |
| 58775 C.A. - Sewer Use Admin | 66,000 | 64,054 | 68,600 | 0 | 68,600 | | |
| 58778 C.A. - Sewer Use Spills | 235,600 | 180,523 | 239,280 | (900) | 238,380 | | |
| 58840 C.A. - Sewer Use Operations | (281,800) | (225,361) | (287,300) | 900 | (286,400) | | |
| 58906 C.A. - Sewer Use Spills | (19,800) | (19,216) | (20,580) | 0 | (20,580) | | |
| TOTAL EXPENDITURES | 2,480,100 | 2,813,994 | 2,584,600 | (10,400) | 2,574,200 | 4.21% | 3.79% |
| TOTAL REVENUES | 2,480,100 | 2,813,994 | 2,584,600 | (10,400) | 2,574,200 | 4.21% | 3.79% |
| TO BE MET BY GENERAL LEVY | 0 | 0 | 0 | 0 | 0 | | |

ACTIVITY COST SUMMARY

ACTIVITY: SEWER USE CONTROL
 SUBACTIVITY: ADMINISTRATION

| ACCOUNT NUMBER DESCRIPTION | 1994 BUDGET | 1994 ACTUAL | 1995 EXISTING BUDGET | 1995 CHANGE | 1995 BUDGET | % INCREASE EXISTING | % INCREASE PROPOSED |
|-----------------------------------|----------------|----------------|----------------------------|----------------|----------------|---------------------------|---------------------------|
| 403801 EXPENDITURES | | | | | | | |
| 51001 Salaries | 49,200 | 49,174 | 49,200 | 0 | 49,200 | | |
| 51801 Employee Benefits | 9,800 | 9,048 | 9,800 | 0 | 9,800 | | |
| 53119 Cleaning Supplies | 500 | 4 | 500 | 0 | 500 | | |
| 56413 Medical Fees | 0 | 0 | 2,600 | 0 | 2,600 | | |
| 56901 Contractual Services | 5,000 | 4,462 | 5,000 | 0 | 5,000 | | |
| 57101 Training Courses | 1,000 | 865 | 1,000 | 0 | 1,000 | | |
| 58690 C.A. - W.C.B. | 500 | 500 | 500 | 0 | 500 | | |
| 58840 C.A. - Sewer Use Operations | (46,200) | (44,838) | (48,020) | 0 | (48,020) | | |
| 58906 C.A. - Sewer Use Spills | (19,800) | (19,216) | (20,580) | 0 | (20,580) | | |
| TOTAL EXPENDITURES | 0 | (0) | 0 | 0 | 0 | N/A | N/A |
| | ===== | ===== | ===== | ===== | ===== | | |

ACTIVITY OBJECTIVE:

This activity provides administrative services for the
 Sewer Use Control Section.

FULL TIME EQUIVALENT:

1

ACTIVITY COST SUMMARY

ACTIVITY: SEWER USE CONTROL
SUBACTIVITY: OPERATIONS

| ACCOUNT NUMBER DESCRIPTION | 1994 BUDGET | 1994 ACTUAL | 1995 EXISTING BUDGET | 1995 CHANGE | 1995 PROPOSED BUDGET | % INCREASE EXISTING | % INCREASE PROPOSED |
|-------------------------------|----------------|----------------|----------------------------|----------------|----------------------------|---------------------------|---------------------------|
| 403802 EXPENDITURES | | | | | | | |
| 51001 Salaries | 173,400 | 166,395 | 159,000 | 0 | 159,000 | | |
| 51801 Employee Benefits | 34,700 | 32,659 | 31,800 | 0 | 31,800 | | |
| 53231 Motor Vehicle Charges | 9,000 | 9,020 | 9,000 | 0 | 9,000 | | |
| 53402 Protective Clothing | 1,400 | 1,272 | 1,400 | 0 | 1,400 | | |
| 53901 Operating Supplies | 4,000 | 4,779 | 4,000 | 0 | 4,000 | | |
| 53904 Operating Equipment | 20,600 | 8,806 | 20,600 | (4,000) | 16,600 | | |
| 54038 Repairs - Equipment | 5,800 | 108 | 5,800 | 0 | 5,800 | | |
| 57002 Mileage | 900 | 1,092 | 900 | 0 | 900 | | |
| 57007 Meals | 500 | 594 | 500 | 0 | 500 | | |
| 57101 Training Courses | 3,500 | 3,435 | 3,500 | 0 | 3,500 | | |
| 58617 C.A. - H.S.R. | 200 | 200 | 200 | 0 | 200 | | |
| 58690 C.A. - W.C.B. | 1,700 | 1,700 | 1,600 | 0 | 1,600 | | |
| 58773 C.A. - Organics Lab | 165,400 | 154,574 | 181,500 | (5,200) | 176,300 | | |
| 58774 C.A. - Waste Water Lab | 184,800 | 176,249 | 157,900 | (300) | 157,600 | | |
| 58775 C.A. - Sewer Use Admin | 46,200 | 44,838 | 48,020 | 0 | 48,020 | | |
| 58778 C.A. - Sewer Use Spills | 235,600 | 180,523 | 239,280 | (900) | 238,380 | | |
| 58835 C.A. - Sewer Treatment | (887,700) | (786,244) | (865,000) | 10,400 | (854,600) | | |
| TOTAL EXPENDITURES | 0 | 0 | 0 | 0 | 0 | N/A | N/A |

ACTIVITY OBJECTIVE:

This activity provides all field services for Sewer Use Control through industrial sampling and sewer monitoring, dye testing and industrial inspections, MISA Waste Water Treatment Plant sampling, and MISA Domestic sampling activities.

This section is also responsible for sampling and monitoring all agreement companies on a quarterly basis. It also plays a minor role in the preparation of the sewer use agreements.

Although there has been no change in total FTE for this centre, 2 positions have been changed to a lower level, as a result of early retirements.

The 1995 change column reflects reductions made in accordance with Management Budget Steering Committee.

FULL TIME EQUIVALENT:

4

ACTIVITY COST SUMMARY

ACTIVITY: SEWER USE CONTROL
SUBACTIVITY: SPILLS

| ACCOUNT NUMBER DESCRIPTION | 1994 BUDGET | 1994 ACTUAL | 1995 EXISTING BUDGET | 1995 CHANGE | 1995 PROPOSED BUDGET | % INCREASE EXISTING | % INCREASE PROPOSED |
|-----------------------------------|----------------|----------------|----------------------------|----------------|----------------------------|---------------------------|---------------------------|
| 403803 EXPENDITURES | | | | | | | |
| 51001 Salaries | 122,500 | 88,395 | 122,700 | 0 | 122,700 | | |
| 51702 Overtime | 0 | 3,195 | 0 | 0 | 0 | | |
| 51801 Employee Benefits | 24,500 | 18,254 | 24,500 | 0 | 24,500 | | |
| 53231 Motor Vehicle Charges | 9,000 | 9,020 | 9,000 | 0 | 9,000 | | |
| 53402 Protective Clothing | 500 | 193 | 500 | 0 | 500 | | |
| 53901 Operating Supplies | 7,000 | 2,561 | 7,000 | 0 | 7,000 | | |
| 53904 Operating Equipment | 15,000 | 4,287 | 15,000 | 0 | 15,000 | | |
| 54601 Repairs / Maintenance | 1,700 | 1,106 | 1,700 | 0 | 1,700 | | |
| 55011 Rent – Pager | 1,800 | 1,483 | 1,300 | 0 | 1,300 | | |
| 55050 Rent – Cellular Telephone | 500 | 344 | 500 | 0 | 500 | | |
| 58690 C.A. – W.C.B. | 1,200 | 1,200 | 1,200 | 0 | 1,200 | | |
| 58773 C.A. – Organics Lab | 28,500 | 26,651 | 32,200 | (900) | 31,300 | | |
| 58774 C.A. – Waste Water Lab | 7,100 | 6,767 | 6,100 | 0 | 6,100 | | |
| 58775 C.A. – Sewer Use Admin | 19,800 | 19,216 | 20,580 | 0 | 20,580 | | |
| 58840 C.A. – Sewer Use Operations | (235,600) | (180,523) | (239,280) | 900 | (238,380) | | |
| | ----- | ----- | ----- | ----- | ----- | | |
| TOTAL EXPENDITURES | 3,500 | 2,148 | 3,000 | 0 | 3,000 | N/A | -14.29% |
| | ===== | ===== | ===== | ===== | ===== | | |
| 403803 REVENUE | | | | | | | |
| 48913 Spill Control Recovery | 3,500 | 2,148 | 3,000 | 0 | 3,000 | | |
| | ----- | ----- | ----- | ----- | ----- | | |
| TOTAL REVENUE | 3,500 | 2,148 | 3,000 | 0 | 3,000 | -14.29% | -14.29% |
| | ===== | ===== | ===== | ===== | ===== | | |

ACTIVITY OBJECTIVE:

This activity provides an in-sewer zone monitoring and sampling twenty-four hour spill team response for Sewer Use Control. Storm sewer monitoring & inspection, contaminated soil sampling.

The 1995 change column reflects reductions made in accordance with Management Budget Steering Committee.

FULL TIME EQUIVALENT:

3

ACTIVITY COST SUMMARY

ACTIVITY: SEWER USE CONTROL
SUBACTIVITY: INDUSTRIAL WASTE/BY-LAW ENFORCEMENT

| ACCOUNT NUMBER DESCRIPTION | 1994 BUDGET | 1994 ACTUAL | 1995 EXISTING BUDGET | 1995 CHANGE | 1995 PROPOSED BUDGET | % INCREASE EXISTING | % INCREASE PROPOSED |
|---------------------------------------|----------------|----------------|----------------------------|----------------|----------------------------|---------------------------|---------------------------|
| 403804 EXPENDITURES | | | | | | | |
| 51001 Salaries | 235,400 | 275,337 | 285,300 | 0 | 285,300 | | |
| 51702 Overtime | 0 | 8,488 | 2,700 | (2,700) | 0 | | |
| 51801 Employee Benefits | 47,100 | 51,318 | 57,000 | 0 | 57,000 | | |
| 53402 Protective Clothing | 200 | 0 | 200 | 0 | 200 | | |
| 53901 Operating Supplies | 3,800 | 2,133 | 3,000 | 0 | 3,000 | | |
| 56301 Advertising & Publicity | 800 | 0 | 800 | 0 | 800 | | |
| 56319 Promotion | 15,000 | 5,319 | 15,000 | 0 | 15,000 | | |
| 56549 System Programming | 7,000 | 3,950 | 0 | 0 | 0 | | |
| 57002 Mileage | 2,000 | 3,774 | 2,800 | 0 | 2,800 | | |
| 57101 Training Courses | 3,600 | 2,003 | 3,600 | 0 | 3,600 | | |
| 58690 C.A. - W.C.B. | 2,400 | 2,400 | 2,800 | 0 | 2,800 | | |
| 58746 C.A. - Sewer Treatment | 1,271,600 | 1,670,879 | 1,343,400 | 2,700 | 1,346,100 | | |
| TOTAL EXPENDITURES | 1,588,900 | 2,025,602 | 1,716,600 | 0 | 1,716,600 | 8.04% | 8.04% |
| 403804 REVENUES | | | | | | | |
| 41315 Proctor & Gamble - O/S Surch | 542,500 | 863,965 | 480,000 | 0 | 480,000 | | |
| 41316 Stelco - O/S | 220,300 | 167,631 | 216,000 | 0 | 216,000 | | |
| 41318 Metal Recovery - O/S | 40,500 | 35,882 | 38,000 | 0 | 38,000 | | |
| 41320 E. D. Smith - O/S Surchrg | 195,000 | 194,133 | 220,000 | 0 | 220,000 | | |
| 41321 Redland Quarries - O/S | 13,700 | 6,504 | 18,000 | 0 | 18,000 | | |
| 41322 Sunoco - Surchrg | 100 | 180 | 200 | 0 | 200 | | |
| 41323 Shell Canada - Surchrg | 800 | 707 | 800 | 0 | 800 | | |
| 41324 Dofasco - O/S Surchrg | 285,000 | 238,876 | 181,400 | 0 | 181,400 | | |
| 41328 Camco Inc - O/S | 0 | 107 | 800 | 0 | 800 | | |
| 41329 M & A Candy - O/S | 82,600 | (4,540) | 4,000 | 0 | 4,000 | | |
| 41330 Alumabrite Anodizing - O/S | 800 | 846 | 1,000 | 0 | 1,000 | | |
| 41333 Canadian Linen - O/S | 19,000 | 18,531 | 21,000 | 0 | 21,000 | | |
| 41335 Ruetgers-VfT - O/S Surch | 82,800 | 126,272 | 130,000 | 0 | 130,000 | | |
| 41336 Lakeport Breweries - O/S | 33,900 | 171,119 | 34,000 | 0 | 34,000 | | |
| 41337 Nelson Laundries - O/S | 8,000 | (2,404) | 3,200 | 0 | 3,200 | | |
| 41338 Federal Industries - Surchrg | 200 | 549 | 1,100 | 0 | 1,100 | | |
| 41339 Paletta Int'l Corp | 7,800 | 6,032 | 6,800 | 0 | 6,800 | | |
| 41340 Stoney Creek Dairies - O/S | 3,000 | (2,836) | 3,000 | 0 | 3,000 | | |
| 41341 Taro Aggregates - O/S Surch | 50,000 | 161,317 | 284,000 | 0 | 284,000 | | |
| 41342 Wentworth Textiles - O/S | 400 | 3,338 | 2,500 | 0 | 2,500 | | |
| 41343 Ham Roman Cath Sep Sch Bd | 0 | 222 | 0 | 0 | 0 | | |
| 41344 Inter Information Tech | 0 | 45 | 0 | 0 | 0 | | |
| 41345 Hamilton Airport | 0 | 180 | 3,200 | 0 | 3,200 | | |
| 41346 O'Connor/Imperial Oil - Surch | 0 | 0 | 800 | 0 | 800 | | |
| 45100 Training Fees | 500 | 0 | 500 | 0 | 500 | | |
| 47046 From Capital - Waste Management | 0 | 38,946 | 64,800 | 0 | 64,800 | | |
| 48401 Sale of Printed Matter | 2,000 | 0 | 1,500 | 0 | 1,500 | | |
| TOTAL REVENUE | 1,588,900 | 2,025,602 | 1,716,600 | 0 | 1,716,600 | 8.04% | 8.04% |

Explanation of Overstrength and Surcharge Agreement revenues:

O/S - Overstrength Agreements are negotiated when a company is discharging wastes into the sewer system that have parameter concentrations in excess of the Sewer Use By-law limits. The agreement allows the Region to recover the costs of treating these wastes.

Surch - Surcharge Agreements are negotiated with a company that discharges water to a Regional sanitary sewer from a source separate from the Region's potable water supply. The agreement allows the Region to recover the treatment costs of this discharge.

ACTIVITY OBJECTIVE:

This activity centre provides enforcement of the Sewer Use By-Law R89-049. This includes industrial inspections, negotiations, preparation and administration of sewer use agreements, and litigation as required.

There is an addition FTE budgeted for 1995 on a temporary basis because the Supervisor for this activity is performing the duties of CMPPP Project Manager for the year. The additional labour costs are being recovered from the Capital budget CMPPP project.

The 1995 change column reflects reductions made in accordance with Management Budget Steering Committee.

FULL TIME EQUIVALENT:
TEMPORARY:

5
1

-74-

Program: WASTE MANAGEMENT
Activity: COMPREHENSIVE MUNICIPAL POLLUTION PREVENTION PROGRAM

| ACCOUNT NUMBER | DESCRIPTION | 1994 BUDGET | 1994 ACTUAL | 1995 EXISTING | 1995 CHANGE | 1995 PROPOSED BUDGET | % INCREASE EXISTING | % INCREASE PROPOSED |
|---------------------|------------------------------------|----------------|----------------|------------------|----------------|----------------------------|---------------------------|---------------------------|
| <hr/> | | | | | | | | |
| 403805 EXPENDITURES | | | | | | | | |
| 51001 | Salaries | 34,900 | 37,500 | 46,900 | 0 | 46,900 | | |
| 51101 | Wages | 0 | 290 | 0 | 0 | 0 | | |
| 51801 | Employee Benefits | 7,000 | 6,000 | 6,000 | 0 | 6,000 | | |
| 53003 | Office Furniture/Fixtures | 2,500 | 1,900 | 0 | 0 | 0 | | |
| 53901 | Operating Supplies | 4,000 | 1,700 | 9,500 | 0 | 9,500 | | |
| 55005 | Rent - Offices & Building | 5,000 | 4,800 | 6,000 | 0 | 6,000 | | |
| 55006 | Rent - Telephone Equipment | 650 | 750 | 1,100 | 0 | 1,100 | | |
| 56010 | Telephone | 600 | 500 | 400 | 0 | 400 | | |
| 56533 | Software Purchases | 2,000 | 410 | 0 | 0 | 0 | | |
| 56541 | Hardware Purchases | 6,000 | 1,000 | 0 | 0 | 0 | | |
| 56901 | Contractual Services | 150,159 | 0 | 0 | 0 | 0 | | |
| 57002 | Mileage | 1,000 | 800 | 4,000 | 0 | 4,000 | | |
| 58690 | C.A. - W.C.B. | 350 | 350 | 500 | 0 | 500 | | |
| 58694 | C.A. P.C. - Lease Mntce | 1,140 | 1,000 | 1,420 | 0 | 1,420 | | |
| <hr/> | | | | | | | | |
| TOTAL EXPENDITURES | | 215,299 | 57,000 | 75,820 | 0 | 75,820 | -64.78% | -64.78% |
| <hr/> | | | | | | | | |
| 403805 REVENUES | | | | | | | | |
| 47046 | From Capital - Waste Management | 215,299 | 57,000 | 75,820 | 0 | 75,820 | -64.78% | -64.78% |
| <hr/> | | | | | | | | |
| TOTAL REVENUES | | 215,299 | 57,000 | 75,820 | 0 | 75,820 | | |
| <hr/> | | | | | | | | |

1994 ACTUALS INCLUDE:

- 51001 Salary for Waste Reduction Analyst for 10 months (Feb 28-Dec 31/94)
 51101 Wages for Student (Sept 12-Oct 28/94)
 51801 Benefits: Analyst & Student (@ 20%)
 53003 Office furniture includes purchase of 4 desks (1 new, 3 used),
 6 chairs (1 new, 5 used), 2 book shelves (1 new, 1 used), and
 2 used filing cabinets.
 53901 Purchase of supplies, reference materials, report printing
 courier services, etc.
 58694 Lease of computer (1-NEC 486) and printer (1-HP Laserjet), for 9 months

| | monthly cost | annual cost |
|----------|-----------------|----------------|
| computer | \$54.18 | \$487.62 |
| printer | \$63.97 | \$575.73 |
| Total | \$118.15 | \$1,063.35 |

- 55005 Lease of office space, 10 months @ \$500/month
 55006 Rental of 2 phones for 9 months (x 2405 and x2427)
 Voice Mail, x 2427 for 6 months, x2404 for 4 months

| | monthly cost/phone cost | annual cost |
|---|----------------------------|----------------|
| phone & line rental, and maintenance | \$6.90 | \$124.20 |
| centrex charges | \$28.00 | \$504.00 |
| voice mail | \$12.95 | \$77.70 |
| secondary voice ma | \$7.00 | \$28.00 |
| Total | \$54.85 | \$733.90 |

- 56010 Charges for installation of phone lines, and long distance charges.
 56533 Purchase of WordPerfect 6.0
 56541 Network cards & wiring, purchase of fax-modem, installation of 5.24" disc drive
 56901 No charges this year
 57002 Mileage and parking expenses for project staff.
 58690 Cost allocation for Workers Compensation (Analyst & Student)
 (Estimate based on Sept AFR plus remaining payments (7))

1995 BUDGET COLUMN INCLUDES:

- 51001 Salary for Waste Reduction Analyst for 8 months (Jan 1- Aug 12/95)
 Salary for student for 2 terms
 51101 No requirement for Wage - student at this time.
 51801 Benefits for Analyst
 53003 No requirement for office furniture in 1995
 53901 Report printing and distribution, purchase of supplies, reference materials,
 courier services, etc.
 55005 Lease of office space, 12 months @ \$500/month
 55006 Rental of 2 phones & voice mail service for 12 months (x 2405 and x2427)

| | monthly cost/phone cost | annual cost |
|---|----------------------------|----------------|
| phone & line rental, and maintenance | \$6.90 | \$165.60 |
| centrex charges | \$28.00 | \$672.00 |
| voice mail | \$12.95 | \$155.40 |
| secondary voice ma | \$7.00 | \$84.00 |
| Total | \$54.85 | \$1,077.00 |

- 56010 Long distance charges.
 56533 No requirement for software in 1995
 56541 No requirement for hardware in 1995
 56901 Consulting services to be charged directly to capital budget
 57002 Mileage, parking and travel expenses for project staff.
 58690 Cost allocation for Workers Compensation for Analyst
 58694 Lease of computer (1-NEC 486) and printer (1-HP Laserjet), for 12 months

| | monthly cost | annual cost |
|----------|-----------------|----------------|
| computer | \$54.18 | \$650.16 |
| printer | \$63.97 | \$767.64 |
| Total | \$118.15 | \$1,417.80 |

-76-

**ENVIRONMENTAL
SERVICES
DEPARTMENT**

**1995
CURRENT
BUDGET**

REGIONAL LABORATORIES

**REGIONAL MUNICIPALITY OF HAMILTON-WENTWORTH
1995 CURRENT BUDGET**

**DEPARTMENT: ENVIRONMENTAL SERVICES
PROGRAM: REGIONAL LABORATORIES**

PROGRAM DESCRIPTION

PURPOSE:

To administer and provide analytical and technical laboratory services to the Environmental Services Department and other departments within the Region. This service is also available to the general public.

More specifically:

To provide analytical and bacteriological testing for the Water Treatment Plant to ensure Ministry of Environment drinking water guidelines are complied with.

To test for the Waste Water Treatment Plants (WWTP) to ensure their effluents meet Ministry of Environment guidelines.

To provide organic testing on various waste samples, primarily for the Sewer Use Control Program.

To perform miscellaneous testing for the Health Department and the general public for drinking water complaints and well testing.

OBJECTIVES:

To ensure that the citizens of the Region have a high quality of drinking water, within the guidelines provided by the Ministry of Environment.

To provide quality control of waste water treatment.

To provide quality control of water treatment.

PERFORMANCE MEASUREMENTS:

Approximate #annually

| | |
|---|--------------|
| Chemical and bacteriological tests on raw and finished water | 17,400 tests |
| Water tests on Regional wells | 650 tests |
| Identifications for sewer/water maintenance | 850 tests |
| Chemical and bacteriological tests for Regional construction projects | 1,200 tests |
| Routine test for Hamilton, Dundas and Waterdown WWTP's | 16,000 tests |
| Non-routine tests for WWTP | 800 tests |
| Conventional tests for Sewer Use Control | 10,000 tests |
| Sample analysis for Solid Waste | 4,500 tests |
| Organic testing | 400 samples |

PROGRAM COST SUMMARY
BY ACTIVITY
(ROLLUP PAGE)

DEPARTMENT: ENVIRONMENTAL SERVICES
PROGRAM: REGIONAL LABS

| ACCOUNT NUMBER DESCRIPTION | 1994 BUDGET | 1994 ACTUAL | 1995 EXISTING BUDGET | 1995 CHANGE | 1995 PROPOSED BUDGET | % INCREASE EXISTING | % INCREASE PROPOSED |
|-----------------------------------|----------------|----------------|----------------------------|----------------|----------------------------|---------------------------|---------------------------|
| 402000 EXPENDITURES | | | | | | | |
| 402200 WATERWORKS LAB | 214,000 | 225,978 | 257,900 | (1,000) | 256,900 | | |
| 402300 WASTE WATER LAB | 710,500 | 677,623 | 607,400 | (1,000) | 606,400 | | |
| 402400 ORGANICS LAB | 228,200 | 213,236 | 257,500 | (7,200) | 250,300 | | |
| | ----- | ----- | ----- | ----- | ----- | | |
| TOTAL EXPENDITURES | 1,152,700 | 1,116,838 | 1,122,800 | (9,200) | 1,113,600 | -2.59% | -3.39% |
| | ===== | ===== | ===== | ===== | ===== | | |
| 402000 REVENUES | | | | | | | |
| 45043 Lab Services General | 12,500 | 18,351 | 12,000 | 0 | 12,000 | | |
| 45027 Recoverable Services | 0 | 0 | 3,000 | 0 | 3,000 | | |
| 47001 Transfer From Capital | 4,000 | 6,503 | 3,000 | 0 | 3,000 | | |
| 58835 C.A. - Sewer Treatment | 284,200 | 271,046 | 278,600 | (500) | 278,100 | | |
| 58836 C.A. - Water Purification | 338,300 | 334,737 | 339,200 | (2,100) | 337,100 | | |
| 58840 C.A. - Sewer Use Operations | 350,200 | 330,823 | 339,400 | (5,500) | 333,900 | | |
| 58866 C.A. - Waste Management | 127,900 | 121,959 | 109,300 | (200) | 109,100 | | |
| 58906 C.A. - Sewer Use Spills | 35,600 | 33,418 | 38,300 | (900) | 37,400 | | |
| | ----- | ----- | ----- | ----- | ----- | | |
| TOTAL REVENUES | 1,152,700 | 1,116,838 | 1,122,800 | (9,200) | 1,113,600 | -2.59% | -3.39% |
| | ===== | ===== | ===== | ===== | ===== | | |
| TO BE MET BY GENERAL LEVY | 0 | (0) | 0 | 0 | 0 | | |
| | ===== | ===== | ===== | ===== | ===== | | |

PROGRAM COST SUMMARY
BY OBJECT
(ROLLUP PAGE)

DEPARTMENT: ENVIRONMENTAL SERVICES
PROGRAM: REGIONAL LABS

| ACCOUNT NUMBER DESCRIPTION | 1994 BUDGET | 1994 ACTUAL | 1995 EXISTING BUDGET | 1995 CHANGE | 1995 PROPOSED BUDGET | % INCREASE EXISTING | % INCREASE PROPOSED |
|----------------------------------|----------------|----------------|----------------------------|----------------|----------------------------|---------------------------|---------------------------|
| 402000 EXPENDITURES | | | | | | | |
| 51001 Salaries | 798,000 | 785,122 | 757,400 | 0 | 757,400 | | |
| 51702 Overtime | 0 | 0 | 0 | 0 | 0 | | |
| 51801 Employee Benefits | 159,500 | 140,637 | 144,900 | 0 | 144,900 | | |
| 51908 Pro/Membership Dues | 400 | 68 | 500 | 0 | 500 | | |
| 53119 Cleaning Supplies | 1,000 | 1,701 | 2,000 | 0 | 2,000 | | |
| 53231 Motor Vehicle Charges | 4,500 | 4,890 | 4,500 | 0 | 4,500 | | |
| 53402 Protective Clothing | 1,200 | 1,643 | 1,200 | 0 | 1,200 | | |
| 53901 Operating Supplies | 119,000 | 114,109 | 119,000 | (6,200) | 112,800 | | |
| 53909 New Equipment | 0 | 0 | 10,000 | 0 | 10,000 | | |
| 53929 Safety Equipment and Tools | 5,400 | 4,826 | 5,400 | 0 | 5,400 | | |
| 54015 Maintenance Contracts | 0 | 0 | 3,600 | 0 | 3,600 | | |
| 54201 Repairs - Buildings | 3,800 | 3,256 | 3,800 | 0 | 3,800 | | |
| 54612 Instrument Maintenance | 36,000 | 33,634 | 40,000 | 0 | 40,000 | | |
| 56413 Medical Fees | 0 | 0 | 5,100 | 0 | 5,100 | | |
| 56901 Contractual Services | 12,000 | 14,457 | 12,000 | (3,000) | 9,000 | | |
| 56910 Dry Cleaning Services | 900 | 894 | 900 | 0 | 900 | | |
| 57002 Mileage | 1,000 | 1,183 | 1,000 | 0 | 1,000 | | |
| 57008 Conferences | 200 | 75 | 2,200 | 0 | 2,200 | | |
| 57101 Training Courses | 1,800 | 2,341 | 1,800 | 0 | 1,800 | | |
| 58690 C.A. - W.C.B. | 8,000 | 8,000 | 7,500 | 0 | 7,500 | | |
| 58701 C.A. - Administration | 228,200 | 218,016 | 299,400 | (3,000) | 296,400 | | |
| 58801 C.A. - Administration | (228,200) | (218,016) | (299,400) | 3,000 | (296,400) | | |
| TOTAL EXPENDITURES | 1,152,700 | 1,116,838 | 1,122,800 | (9,200) | 1,113,600 | -2.59% | -3.39% |
| TOTAL REVENUES | 1,152,700 | 1,116,838 | 1,122,800 | (9,200) | 1,113,600 | -2.59% | -3.39% |
| TO BE MET BY GENERAL LEVY | 0 | (0) | 0 | 0 | 0 | | |

FULL TIME EQUIVALENT:

17

ACTIVITY COST SUMMARY

PROGRAM: REGIONAL LABS
ACTIVITY: ADMINISTRATION

| ACCOUNT NUMBER DESCRIPTION | 1994 BUDGET | 1994 ACTUAL | 1995 EXISTING BUDGET | 1995 CHANGE | 1995 PROPOSED BUDGET | % INCREASE EXISTING | % INCREASE PROPOSED |
|----------------------------------|----------------|----------------|----------------------------|----------------|----------------------------|---------------------------|---------------------------|
| 402100 EXPENDITURES | | | | | | | |
| 51001 Salaries | 142,200 | 137,526 | 175,300 | 0 | 175,300 | | |
| 51801 Employee Benefits | 28,400 | 24,578 | 28,400 | 0 | 28,400 | | |
| 51908 Pro/Membership Dues | 400 | 68 | 500 | 0 | 500 | | |
| 53119 Cleaning Supplies | 1,000 | 1,701 | 2,000 | 0 | 2,000 | | |
| 53231 Motor Vehicle Charges | 4,500 | 4,890 | 4,500 | 0 | 4,500 | | |
| 53402 Protective Clothing | 1,200 | 1,643 | 1,200 | 0 | 1,200 | | |
| 53909 New Equipment | 0 | 0 | 10,000 | 0 | 10,000 | | |
| 53929 Safety Equipment and Tools | 5,400 | 4,826 | 5,400 | 0 | 5,400 | | |
| 54015 Maintenance Contracts | 0 | 0 | 3,600 | 0 | 3,600 | | |
| 54201 Repairs – Buildings | 3,800 | 3,256 | 3,800 | 0 | 3,800 | | |
| 54612 Instrument Maintenance | 36,000 | 33,634 | 40,000 | 0 | 40,000 | | |
| 56413 Medical Fees | 0 | 0 | 5,100 | 0 | 5,100 | | |
| 56901 Contractual Services | 0 | 0 | 12,000 | (3,000) | 9,000 | | |
| 56910 Dry Cleaning Services | 900 | 894 | 900 | 0 | 900 | | |
| 57002 Mileage | 1,000 | 1,183 | 1,000 | 0 | 1,000 | | |
| 57008 Conferences | 200 | 75 | 2,200 | 0 | 2,200 | | |
| 57101 Training Courses | 1,800 | 2,341 | 1,800 | 0 | 1,800 | | |
| 58690 C.A. – W.C.B. | 1,400 | 1,400 | 1,700 | 0 | 1,700 | | |
| 58801 C.A. – Administration | (228,200) | (218,016) | (299,400) | 3,000 | (296,400) | | |
| TOTAL EXPENDITURES | 0 | (0) | 0 | 0 | 0 | N/A | N/A |

ACTIVITY OBJECTIVE:

This activity provides supervision, common services and supplies for the Regional Laboratories. Its costs represent an overhead which is divided amongst the three (3) Laboratory sections. The Regional Laboratories perform chemical and bacteriological testing on environmental samples for Regional Departments, various industries and the general public.

The FTE for 1995 remains the same as 1994, but the budget has been increased for students which were previously budgeted in the Sanitary Sewer Program.

The change column reflects reduction made in accordance with Management Budget Steering Committee.

FULL TIME EQUIVALENT:

3

- 80 -

ACTIVITY COST SUMMARY

PROGRAM: REGIONAL LABS
ACTIVITY: WATERWORKS LAB

| ACCOUNT NUMBER DESCRIPTION | 1994 BUDGET | 1994 ACTUAL | 1995 EXISTING BUDGET | 1995 CHANGE | 1995 PROPOSED BUDGET | % INCREASE EXISTING | % INCREASE PROPOSED |
|---------------------------------|----------------|----------------|----------------------------|----------------|----------------------------|---------------------------|---------------------------|
| 402200 EXPENDITURES | | | | | | | |
| 51001 Salaries | 86,500 | 100,656 | 112,500 | 0 | 112,500 | | |
| 51801 Employee Benefits | 17,300 | 19,235 | 22,500 | 0 | 22,500 | | |
| 53901 Operating Supplies | 18,000 | 17,978 | 20,000 | 0 | 20,000 | | |
| 58690 C.A. - W.C.B. | 900 | 900 | 1,100 | 0 | 1,100 | | |
| 58701 C.A. - Administration | 91,300 | 87,210 | 101,800 | (1,000) | 100,800 | | |
| 58836 C.A. - Water Purification | (197,500) | (201,124) | (239,900) | 1,000 | (238,900) | | |
| TOTAL EXPENDITURES | 16,500 | 24,855 | 18,000 | 0 | 18,000 | 9.09% | 9.09% |
| 402200 REVENUES | | | | | | | |
| 45027 Recoverable Services | 0 | 0 | 3,000 | 0 | 3,000 | | |
| 45043 Labs Services - General | 12,500 | 18,351 | 12,000 | 0 | 12,000 | | |
| 47001 Transfer From Capital | 4,000 | 6,503 | 3,000 | 0 | 3,000 | | |
| TOTAL REVENUES | 16,500 | 24,855 | 18,000 | 0 | 18,000 | 9.09% | 9.09% |

ACTIVITY OBJECTIVE:

This activity provides all analytical and bacteriological services required by the Water Treatment Plant to ensure that Ministry of Environment guidelines for drinking water are met. Services are also provided for the Ministry of Health, Regional and private wells, and new watermain or various ground water samples.

Services by this centre include:

- 6,600 chemical tests and 2,235 Bacteriological tests on raw and finished water;
- 2,860 distribution samples for Chlorine and two bacteriological tests each (8,580 tests);
- approximately 648 chemical tests on Regional wells;
- approximately 320 samples for identification for Infrastructure Maintenance (approximately 850 tests);
- 600 samples for two Bacteriological tests each and 50 samples for chemical tests for Capital budget works (1,250 tests).

The costs budgeted here cover:

- the chemicals/glassware for the above mentioned work
- the salaries of the personnel performing the bacteriological tests.

The budgeted FTE has increased from 2 in 1994 to 3 in 1995. One position has been deleted and two others have been moved from the Waste Water Lab and reclassified to a lower level, per Departmental Restructuring due to early retirements.

The change column reflects reduction made in accordance with Management Budget Steering Committee.

FULL TIME EQUIVALENT:

3

ACTIVITY COST SUMMARY

PROGRAM: REGIONAL LABS
ACTIVITY: WASTE WATER LAB

| ACCOUNT NUMBER DESCRIPTION | 1994 BUDGET | 1994 ACTUAL | 1995 EXISTING BUDGET | 1995 CHANGE | 1995 PROPOSED BUDGET | % INCREASE EXISTING | % INCREASE PROPOSED |
|-----------------------------------|----------------|----------------|----------------------------|----------------|----------------------------|---------------------------|---------------------------|
| 402300 EXPENDITURES | | | | | | | |
| 51001 Salaries | 476,200 | 459,549 | 382,300 | 0 | 382,300 | | |
| 51801 Employee Benefits | 95,200 | 81,091 | 76,500 | 0 | 76,500 | | |
| 53901 Operating Supplies | 43,000 | 44,993 | 46,000 | 0 | 46,000 | | |
| 58690 C.A. - W.C.B. | 4,800 | 4,800 | 3,800 | 0 | 3,800 | | |
| 58701 C.A. - Administration | 91,300 | 87,190 | 98,800 | (1,000) | 97,800 | | |
| 58835 C.A. - Sewer Treatment | (284,200) | (271,046) | (273,400) | 500 | (272,900) | | |
| 58836 C.A. - Water Purification | (106,500) | (101,602) | (60,700) | 0 | (60,700) | | |
| 58840 C.A. - Sewer Use Operations | (184,800) | (176,249) | (157,900) | 300 | (157,600) | | |
| 58866 C.A. - Waste Management | (127,900) | (121,959) | (109,300) | 200 | (109,100) | | |
| 58906 C.A. - Sewer Use Spills | (7,100) | (6,767) | (6,100) | 0 | (6,100) | | |
| TOTAL EXPENDITURES | 0 | (0) | 0 | 0 | 0 | N/A | N/A |

ACTIVITY OBJECTIVE:

This activity handles tests for conventional parameters to ensure that the Hamilton, Dundas and Waterdown Wastewater Treatment Plants are functioning properly and to ensure that their effluents meet Ministry of Environment guidelines. Similar services are provided for Sewer Use Control samples, Solid Waste leachate, septic haulers, industries, and spills throughout the Region.

This section includes the following services:

- 3,444 samples for 9,312 routine tests for Hamilton Waste Water Treatment Plant (WWTP);
- 880 samples for 4,350 tests for Dundas and Waterdown WWTP;
- 170 other non-routine samples are done for WWTP for approx. 2,250 tests (metals, septic haulers, sludges);
- 1,200 samples for approximately 10,052 conventional tests for Sewer Use Control; (Note: Most SUC tests are more difficult and expensive than WWTP tests.)
- about 300 samples for Solid Waste for about 4,500 tests are performed.

One technician in the Wastewater section performs microscopic work and other chemical tests for the Waterworks Lab.

The budgeted FTE has been reduced from 11 in 1994 to 9 in 1995. Two positions have been moved to the Waterworks Lab and reclassified to a lower level, per Departmental Restructuring due to early retirements.

| | | |
|--|------|------|
| Cost Allocation structure for Waste Water Lab: | 1994 | 1995 |
| Sewage Treatment | 40% | 45% |
| Sewer Use Control - Operations | 26% | 26% |
| Sewer Use Control - Spills | 1% | 1% |
| Waste Management (Solid Waste Section) | 18% | 18% |
| Drinking Water | 15% | 10% |
| | 100% | 100% |

The change column reflects reduction made in accordance with Management Budget Steering Committee.

FULL TIME EQUIVALENT:

9

ACTIVITY COST SUMMARY

PROGRAM: REGIONAL LABS
ACTIVITY: ORGANICS LAB

| ACCOUNT NUMBER | DESCRIPTION | 1994 BUDGET | 1994 ACTUAL | 1995 EXISTING BUDGET | 1995 CHANGE | 1995 PROPOSED BUDGET | % INCREASE EXISTING | % INCREASE PROPOSED |
|---------------------|-----------------------------|----------------|----------------|----------------------------|----------------|----------------------------|---------------------------|---------------------------|
| 402400 EXPENDITURES | | | | | | | | |
| 51001 | Salaries | 93,100 | 87,391 | 87,300 | 0 | 87,300 | | |
| 51801 | Employee Benefits | 18,600 | 15,733 | 17,500 | 0 | 17,500 | | |
| 53901 | Operating Supplies | 58,000 | 51,139 | 53,000 | (6,200) | 46,800 | | |
| 56901 | Contractual Services | 12,000 | 14,457 | 0 | 0 | 0 | | |
| 58690 | C.A. - W.C.B. | 900 | 900 | 900 | 0 | 900 | | |
| 58701 | C.A. - Administration | 45,600 | 43,616 | 98,800 | (1,000) | 97,800 | | |
| 58835 | C.A. - Sewer Treatment | 0 | 0 | (5,200) | 0 | (5,200) | | |
| 58836 | C.A. - Water Purification | (34,300) | (32,011) | (38,600) | 1,100 | (37,500) | | |
| 58840 | C.A. - Sewer Use Operations | (165,400) | (154,574) | (181,500) | 5,200 | (176,300) | | |
| 58906 | C.A. - Sewer Use Spills | (28,500) | (26,651) | (32,200) | 900 | (31,300) | | |
| TOTAL EXPENDITURES | | 0 | (0) | 0 | 0 | 0 | N/A | N/A |

ACTIVITY OBJECTIVE:

This activity handles acid-base/neutral extractable and volatile organics which are determined on different waste samples. PCB's in oils and gasoline in sewer samples are also examined by this activity.

This activity performs tests on approximately 400 samples in one year for organic scans which can show up to 100 or more parameters.

The change column reflects reduction made in accordance with Management Budget Steering Committee.

FULL TIME EQUIVALENT:

2

**ENVIRONMENTAL
SERVICES
DEPARTMENT**

**1995
CURRENT
BUDGET**

ADMINISTRATION

**REGIONAL MUNICIPALITY OF HAMILTON-WENTWORTH
1995 CURRENT BUDGET**

**DEPARTMENT: ENVIRONMENTAL SERVICES
PROGRAM: ADMINISTRATION**

PROGRAM DESCRIPTION

PURPOSE:

To co-ordinate and perform all administrative requirements of the Environmental Services Department.

Administration Services:

To co-ordinate Departmental paper-flow for the Environmental Services Committee and Regional Council, to prepare and monitor the Current and Capital budgets, to maintain personnel records, and to monitor supplies/inventories.

Infrastructure Operations:

Infrastructure Planning:

To plan Waterworks and Sanitary Sewer capital projects in the entire Region, and Storm Sewer projects in the City of Hamilton and on other Regional Roads.

To provide estimates for the Waterworks, Sanitary Sewer and Storm Sewer portion of the Environmental five-year capital budget and to administer the Local Improvement program.

Infrastructure Maintenance:

To administer the maintenance of Waterworks/Sewer Infrastructure. To manage and operate the Regional fleet of vehicle and equipment.

OBJECTIVES:

To establish systems and procedures for improved monitoring of expenditures and revenues in the Current and Capital Budgets.

To prepare the Current and Capital budgets in order to meet Corporate deadlines.

PERFORMANCE MEASUREMENTS:

Co-ordinate and monitor the Environmental Services Department budgets with a 1995 proposed operating budget of approximately \$93,469,000 and five-year capital budget of approximately \$251,500,000.

Prepare capital and current budgets by October of each year.

Administration of Departmental personnel complement of 185 full time employees.

Administration of Regional vehicle and equipment complement of 220.

PROGRAM SUMMARY
BY ACTIVITY

DEPARTMENT: ENVIRONMENTAL SERVICES
PROGRAM: ADMINISTRATION

| ACCOUNT NUMBER DESCRIPTION | 1994 BUDGET | 1994 ACTUAL | 1995 EXISTING BUDGET | 1995 CHANGE | 1995 PROPOSED BUDGET | % INCREASE | INCREASE PROPOSED |
|---|----------------|----------------|----------------------------|----------------|----------------------------|---------------|----------------------|
| 401000 EXPENDITURES | | | | | | | |
| 401100 Administrative Services | 1,158,660 | 1,251,555 | 1,152,460 | (23,900) | 1,128,560 | | |
| 401220 Infrastructure Planning | 639,700 | 600,421 | 634,700 | 0 | 634,700 | | |
| 401400 Infrastructure Operations | 1,223,900 | 1,132,822 | 1,496,800 | 0 | 1,496,800 | | |
| 401500 Plant Administration | 1,351,600 | 1,382,732 | 0 | 0 | 0 | | |
| TOTAL EXPENDITURES | 4,373,860 | 4,367,529 | 3,283,960 | (23,900) | 3,260,060 | -24.92% | -25.46% |
| 401000 REVENUES | | | | | | | |
| 44026 Overhead Recoveries | 30,000 | (107,712) | 8,400 | 0 | 8,400 | | |
| 44622 C.A. - Waterworks - Current | 1,109,575 | 1,142,842 | 865,860 | (7,700) | 858,160 | | |
| 44623 C.A. - Sanitary Sewers - Current | 968,575 | 1,020,403 | 492,400 | (3,700) | 488,700 | | |
| 44643 C.A. - Storm Sewers - Current | 353,050 | 381,448 | 355,700 | (4,700) | 351,000 | | |
| 44646 C.A. - Waste Management - Current | 81,460 | 91,526 | 87,100 | (600) | 86,500 | | |
| 47001 Transfer from Capital | 40,900 | 39,232 | 40,900 | 0 | 40,900 | | |
| 47022 From Waterworks - Capital | 502,200 | 513,839 | 258,800 | (3,000) | 255,800 | | |
| 47023 From Sanitary Sewers - Capital | 415,600 | 422,396 | 284,900 | (3,000) | 281,900 | | |
| 47024 From Storm Sewers - Capital | 282,900 | 285,552 | 287,300 | (800) | 286,500 | | |
| 47046 From Waste Management - Capital | 68,600 | 78,355 | 76,300 | (400) | 75,900 | | |
| 47057 From Capital Overhead | 7,000 | 6,448 | 7,400 | 0 | 7,400 | | |
| 47101 Transfer from Reserve | 0 | 38,000 | 0 | 0 | 0 | | |
| 47128 From Vehicle/Equipment Reserve | 514,000 | 190,575 | 518,900 | 0 | 518,900 | | |
| 48402 Vehicle / Equipment Sales | 0 | 264,625 | 0 | 0 | 0 | | |
| TOTAL REVENUE | 4,373,860 | 4,367,529 | 3,283,960 | (23,900) | 3,260,060 | -24.92% | -25.46% |
| TO BE MET BY GENERAL LEVY | 0 | 0 | 0 | 0 | 0 | | |

PROGRAM SUMMARY
BY OBJECT

DEPARTMENT: ENVIRONMENTAL SERVICES
PROGRAM: ADMINISTRATION

| ACCOUNT NUMBER DESCRIPTION | 1994 BUDGET | 1994 ACTUAL | 1995 EXISTING BUDGET | 1995 CHANGE | 1995 PROPOSED BUDGET | % INCREASE | % INCREASE PROPOSED |
|--------------------------------------|----------------|----------------|----------------------------|----------------|----------------------------|---------------|---------------------------|
| 401000 EXPENDITURES | | | | | | | |
| 51001 Salaries | 2,748,720 | 2,719,700 | 1,976,700 | 0 | 1,976,700 | | |
| 51101 Wages | 347,400 | 341,676 | 266,700 | 0 | 266,700 | | |
| 51702 Overtime | 12,900 | 52,993 | 13,100 | 0 | 13,100 | | |
| 51801 Employee Benefits | 605,465 | 559,730 | 444,500 | 0 | 444,500 | | |
| 51908 Pro/Membership Dues | 1,800 | 585 | 1,400 | 0 | 1,400 | | |
| 51911 Employee Suggestion Award | 1,500 | 2,672 | 1,500 | 0 | 1,500 | | |
| 53001 Office Supplies | 37,500 | 37,543 | 32,300 | (8,900) | 23,400 | | |
| 53002 Office Equipment | 0 | 0 | 17,400 | 0 | 17,400 | | |
| 53003 Office Furniture/Fixtures | 3,000 | 8,027 | 6,300 | 0 | 6,300 | | |
| 53204 Fuel - Natural Gas | 1,600 | 364 | 1,000 | 0 | 1,000 | | |
| 53205 Fuel - Unleaded Gas | 201,900 | 227,628 | 197,200 | 0 | 197,200 | | |
| 53207 Fuel - Propane | 20,000 | 14,069 | 11,000 | 0 | 11,000 | | |
| 53208 Fuel - Diesel | 96,800 | 149,373 | 115,400 | 0 | 115,400 | | |
| 53212 Licences | 39,000 | 37,528 | 35,400 | 0 | 35,400 | | |
| 53213 Vehicle Parts | 274,600 | 254,043 | 240,000 | 0 | 240,000 | | |
| 53222 Tires | 45,000 | 57,682 | 43,000 | 0 | 43,000 | | |
| 53231 Motor Vehicle Charges | 30,500 | 37,797 | 26,000 | 0 | 26,000 | | |
| 53248 Vehicle Recoveries | (352,300) | (348,648) | (215,700) | 0 | (215,700) | | |
| 53249 Road Equipment Recovery | (750,670) | (739,139) | (895,960) | 0 | (895,960) | | |
| 53250 Sewer/Water Equipment Recovery | (868,830) | (954,711) | (728,500) | 0 | (728,500) | | |
| 53251 Meter Water Equipment Recovery | (63,600) | (69,015) | (68,800) | 0 | (68,800) | | |
| 53402 Protective Clothing | 2,000 | 4,987 | 3,000 | 0 | 3,000 | | |
| 53802 Replacement Vehicle/Equipment | 514,000 | 455,200 | 518,900 | 0 | 518,900 | | |
| 53901 Operating Supplies | 1,800 | 4,162 | 1,500 | 0 | 1,500 | | |
| 53904 Operating Equipment | 13,700 | 24,946 | 15,200 | 0 | 15,200 | | |
| 53905 Small Tools & Supplies | 3,200 | 3,266 | 3,200 | 0 | 3,200 | | |
| 54002 Repairs - Office Equipment | 300 | 417 | 400 | 0 | 400 | | |
| 54015 Maintenance Contracts | 16,800 | 21,063 | 18,200 | 0 | 18,200 | | |
| 54201 Repairs - Building | 27,000 | 18,439 | 30,000 | 0 | 30,000 | | |
| 55005 Rent - Offices and Buildings | 156,800 | 154,843 | 133,400 | (5,000) | 128,400 | | |
| 55011 Rent - Pager | 600 | 244 | 0 | 0 | 0 | | |
| 55023 Payments - Agreements | 20,500 | 24,300 | 18,300 | 0 | 18,300 | | |
| 55050 Rent - Cellular Telephone | 2,000 | 1,987 | 1,600 | 0 | 1,600 | | |
| 56003 Hydro | 3,000 | 2,567 | 3,000 | 0 | 3,000 | | |
| 56006 Water | 1,200 | 611 | 1,000 | 0 | 1,000 | | |
| 56010 Telephone | 34,700 | 41,573 | 30,600 | 0 | 30,600 | | |
| 56012 Long Distance | 5,600 | 3,616 | 2,300 | 0 | 2,300 | | |
| 56018 Data Line | 20,500 | 15,715 | 16,400 | 0 | 16,400 | | |
| 56024 Offsite Telephones | 10,800 | 10,026 | 10,400 | 0 | 10,400 | | |
| 56201 Postage | 3,000 | 1,129 | 2,000 | 0 | 2,000 | | |
| 56301 Advertising & Publicity | 3,000 | 7,760 | 3,000 | 0 | 3,000 | | |
| 56533 Software Purchase | 4,560 | 11,139 | 4,100 | 0 | 4,100 | | |
| 56541 Hardware Purchase | 21,500 | 97,076 | 28,100 | 0 | 28,100 | | |
| 56545 Computer Supplies | 5,600 | 8,571 | 7,400 | 0 | 7,400 | | |
| 56901 Contractual Services | 138,700 | 199,710 | 213,000 | 0 | 213,000 | | |
| 57002 Mileage | 17,100 | 16,209 | 8,100 | 0 | 8,100 | | |
| 57007 Meals | 2,950 | 2,557 | 4,700 | 0 | 4,700 | | |
| 57008 Conferences | 8,700 | 13,358 | 12,600 | 0 | 12,600 | | |

PROGRAM SUMMARY
BY OBJECT – Cont'd

DEPARTMENT: ENVIRONMENTAL SERVICES
PROGRAM: ADMINISTRATION

| ACCOUNT NUMBER DESCRIPTION | 1994 BUDGET | 1994 ACTUAL | 1995 EXISTING BUDGET | 1995 CHANGE | 1995 PROPOSED BUDGET | % INCREASE | % INCREASE PROPOSED |
|--------------------------------------|----------------|----------------|----------------------------|----------------|----------------------------|---------------|---------------------------|
| 401000 EXPENDITURES | | | | | | | |
| 57101 Training Courses | 10,800 | 5,071 | 11,800 | 0 | 11,800 | | |
| 57737 Real Estate | 0 | 8,706 | 9,000 | 0 | 9,000 | | |
| 57787 PUMC – Cost Recovery | 0 | 0 | (100,000) | 0 | (100,000) | | |
| 58006 To Vehicle/Equipment Reserve | 581,000 | 581,000 | 525,000 | 0 | 525,000 | | |
| 58049 To Operating Fund Reserve | 38,300 | (10,201) | (6,340) | 0 | (6,340) | | |
| 58013 Provision for Equipment | 15,000 | 15,000 | 15,000 | (10,000) | 5,000 | | |
| 58607 C.A. – Solicitors | 0 | 1,216 | 0 | 0 | 0 | | |
| 58617 C.A. – H.S.R. | 83,900 | 83,900 | 86,900 | 0 | 86,900 | | |
| 58636 C.A. – Print & Postage | 1,600 | 3,058 | 1,600 | 0 | 1,600 | | |
| 58637 C.A. – Insurance | 5,260 | 5,260 | 5,260 | 0 | 5,260 | | |
| 58639 C.A. – Systems | 59,970 | 35,593 | 33,000 | 0 | 33,000 | | |
| 58690 C.A. – W.C.B. | 39,565 | 39,200 | 28,800 | 0 | 28,800 | | |
| 58693 C.A. – P.C. Support Service | 38,440 | 40,041 | 39,700 | 0 | 39,700 | | |
| 58694 C.A. – P.C. Lease Mtce | 27,730 | 23,919 | 23,500 | 0 | 23,500 | | |
| 58695 C.A. – United Way | 400 | 400 | 400 | 0 | 400 | | |
| TOTAL EXPENDITURES | 4,373,860 | 4,367,529 | 3,283,960 | (23,900) | 3,260,060 | -24.92% | -25.46% |
| TOTAL REVENUE | 4,373,860 | 4,367,529 | 3,283,960 | (23,900) | 3,260,060 | -24.92% | -25.46% |
| TO BE MET BY GENERAL LEVY | 0 | 0 | 0 | 0 | 0 | | |
| SALARIES | 2,748,720 | 2,719,700 | 1,976,700 | 0 | 1,976,700 | -28.09% | -28.09% |
| WAGES | 360,300 | 394,669 | 279,800 | 0 | 279,800 | -22.34% | -22.34% |
| TOTAL | 3,109,020 | 3,114,369 | 2,256,500 | 0 | 2,256,500 | -27.42% | -27.42% |
| AS PERCENTAGE OF TOTAL EXPENDITURES: | 71.08% | 71.31% | 68.71% | N/A | 69.22% | | |
| FULL TIME EQUIVALENT – SALARY: | 56 | | 38 | | 38 | -32.14% | -32.14% |
| FULL TIME EQUIVALENT – WAGE: | 8 | | 6 | | 6 | -25.00% | -25.00% |
| CONTRACT: | 1 | | 1 | | 1 | 0.00% | 0.00% |
| TOTAL | 65 | | 45 | | 45 | -30.77% | -30.77% |

ACTIVITY COST SUMMARY

ACTIVITY: ADMINISTRATIVE SERVICES
SUBACTIVITY: SENIOR ADMINISTRATION

| ACCOUNT NUMBER DESCRIPTION | 1994 BUDGET | 1994 ACTUAL | 1995 EXISTING BUDGET | 1995 CHANGE | 1995 PROPOSED BUDGET | % INCREASE | % INCREASE PROPOSED |
|---|----------------|----------------|----------------------------|----------------|----------------------------|---------------|---------------------------|
| 401110 EXPENDITURES | | | | | | | |
| 51001 Salaries | 135,300 | 139,239 | 239,000 | 0 | 239,000 | | |
| 51801 Employee Benefits | 27,100 | 23,246 | 47,800 | 0 | 47,800 | | |
| 51908 Pro/Membership Dues | 1,800 | 585 | 1,400 | 0 | 1,400 | | |
| 53231 Motor Vehicle Charges | 4,500 | 9,018 | 4,500 | 0 | 4,500 | | |
| 55050 Rent - Cellular Telephone | 1,000 | 914 | 1,000 | 0 | 1,000 | | |
| 57002 Mileage | 0 | 0 | 3,200 | 0 | 3,200 | | |
| 57007 Meals | 2,000 | 2,168 | 4,000 | 0 | 4,000 | | |
| 57008 Conferences | 3,000 | 2,815 | 5,500 | 0 | 5,500 | | |
| 57101 Training Courses | 1,000 | 1,085 | 3,000 | 0 | 3,000 | | |
| 57787 PUMC - Cost Recovery | 0 | 0 | (100,000) | 0 | (100,000) | | |
| 58617 C.A. - H.S.R. | 48,700 | 48,700 | 48,700 | 0 | 48,700 | | |
| 58690 C.A. - W.C.B. | 1,400 | 1,400 | 2,400 | 0 | 2,400 | | |
| TOTAL EXPENDITURES | 225,800 | 229,168 | 260,500 | 0 | 260,500 | 15.37% | 15.37% |
| ===== | | | | | | | |
| 401110 REVENUES | | | | | | | |
| 44622 C.A. - Waterworks - Current | 24,600 | 24,925 | 28,400 | 0 | 28,400 | | |
| 44623 C.A. - Sanitary Sewers - Current | 23,400 | 23,767 | 27,000 | 0 | 27,000 | | |
| 44643 C.A. - Storm Sewers - Current | 23,200 | 23,565 | 26,800 | 0 | 26,800 | | |
| 44646 C.A. - Waste Management - Current | 41,300 | 41,917 | 47,600 | 0 | 47,600 | | |
| 47022 From Waterworks - Capital | 26,700 | 27,092 | 30,800 | 0 | 30,800 | | |
| 47023 From Sanitary Sewers - Capital | 25,500 | 25,883 | 29,400 | 0 | 29,400 | | |
| 47024 From Storm Sewers - Capital | 19,200 | 19,497 | 22,200 | 0 | 22,200 | | |
| 47046 From Waste Management - Capital | 41,900 | 42,522 | 48,300 | 0 | 48,300 | | |
| TOTAL REVENUES | 225,800 | 229,168 | 260,500 | 0 | 260,500 | 15.37% | 15.37% |
| ===== | | | | | | | |
| TO BE MET BY GENERAL LEVY | 0 | 0 | 0 | 0 | 0 | | |
| ===== | | | | | | | |

ACTIVITY OBJECTIVE:

This activity is for costs related to senior administration staff, as well as departmental costs, such as professional and membership dues, and commissioner expenses. This year there is an increase in the FTE by two (2) for the Supervisor, Water and Wastewater Treatment (Contract Services) and Financial Services Supervisor, per ENV 94-149, for the contract co-ordination of the PUMC plant services.

FULL TIME EQUIVALENT - SALARY:

4

ACTIVITY COST SUMMARY

ACTIVITY: ADMINISTRATIVE SERVICES
 SUBACTIVITY: HAMILTON HARBOUR REMEDIAL ACTION PLAN

| ACCOUNT NUMBER DESCRIPTION | 1994 BUDGET | 1994 ACTUAL | 1995 EXISTING BUDGET | 1995 CHANGE | 1995 PROPOSED BUDGET | % INCREASE | ⁹ INCREASE PROPOSED |
|-------------------------------|--|----------------|----------------------------|----------------|----------------------------|---------------|--------------------------------------|
| 401111 EXPENDITURES | | | | | | | |
| 51001 Salaries | 33,800 | 33,800 | 33,800 | 0 | 33,800 | | |
| 51801 Employee Benefits | 6,800 | 5,132 | 6,800 | 0 | 6,800 | | |
| 58690 C.A. - W.C.B. | 300 | 300 | 300 | 0 | 300 | | |
| TOTAL EXPENDITURES | 40,900 | 39,232 | 40,900 | 0 | 40,900 | 0.00% | 0.00% |
| 401111 REVENUES | | | | | | | |
| 47001 Transfer from Capital | 40,900 | 39,232 | 40,900 | 0 | 40,900 | | |
| TOTAL REVENUES | 40,900 | 39,232 | 40,900 | 0 | 40,900 | 0.00% | 0.00% |
| TO BE MET BY GENERAL LEVY | 0 | 0 | 0 | 0 | 0 | | |
| ACTIVITY OBJECTIVE: | This activity is for a Technical Officer hired on contract for a term of three years, as approved by Regional Council on March 16, 1993. Report 3-93, Item 8. A grant of \$120,000 was received from the Federal Government for this purpose. These costs are fully recoverable from Capital project number 4071348. | | | | | | |
| FULL TIME EQUIVALENT: | 0 | | | | | | |
| CONTRACT: | 1 | | | | | | |

ACTIVITY COST SUMMARY

ACTIVITY: ADMINISTRATIVE SERVICES
SUBACTIVITY: FINANCE AND ADMINISTRATION

| ACCOUNT NUMBER DESCRIPTION | 1994 BUDGET | 1994 ACTUAL | 1995 EXISTING BUDGET | 1995 CHANGE | 1995 PROPOSED BUDGET | % INCREASE | % INCREASE PROPOSED |
|---|----------------|----------------|----------------------------|----------------|----------------------------|---------------|---------------------------|
| 401130 EXPENDITURES | | | | | | | |
| 51001 Salaries | 308,000 | 308,205 | 312,600 | 0 | 312,600 | | |
| 51101 Wages | 4,000 | 4,390 | 4,000 | 0 | 4,000 | | |
| 51702 Overtime | 0 | 8,557 | 0 | 0 | 0 | | |
| 51801 Employee Benefits | 57,700 | 57,722 | 58,600 | 0 | 58,600 | | |
| 57002 Mileage | 300 | 68 | 300 | 0 | 300 | | |
| 57007 Meals | 100 | 138 | 100 | 0 | 100 | | |
| 57008 Conferences | 500 | 580 | 1,500 | 0 | 1,500 | | |
| 57101 Training Courses | 1,800 | 663 | 1,800 | 0 | 1,800 | | |
| 58617 C.A. - H.S.R. | 200 | 200 | 200 | 0 | 200 | | |
| 58690 C.A. - W.C.B. | 3,100 | 3,100 | 3,100 | 0 | 3,100 | | |
| TOTAL EXPENDITURES | 375,700 | 383,623 | 382,200 | 0 | 382,200 | 1.73% | 1.73% |
| ===== | | | | | | | |
| 401130 REVENUES | | | | | | | |
| 44026 Overhead Recoveries | 30,000 | (107,712) | 8,400 | 0 | 8,400 | | |
| 44622 C.A. - Waterworks - Current | 54,000 | 77,290 | 58,400 | 0 | 58,400 | | |
| 44623 C.A. - Sanitary Sewers - Current | 80,100 | 114,692 | 86,700 | 0 | 86,700 | | |
| 44643 C.A. - Storm Sewers - Current | 54,100 | 77,433 | 58,500 | 0 | 58,500 | | |
| 44646 C.A. - Waste Management - Current | 19,200 | 27,493 | 20,800 | 0 | 20,800 | | |
| 47022 From Waterworks - Capital | 29,200 | 41,791 | 31,600 | 0 | 31,600 | | |
| 47023 From Sanitary Sewers - Capital | 37,200 | 53,271 | 40,200 | 0 | 40,200 | | |
| 47024 From Storm Sewers - Capital | 44,100 | 63,136 | 47,700 | 0 | 47,700 | | |
| 47046 From Waste Management - Capital | 20,800 | 29,781 | 22,500 | 0 | 22,500 | | |
| 47057 From Capital Overhead | 7,000 | 6,448 | 7,400 | 0 | 7,400 | | |
| TOTAL REVENUES | 375,700 | 383,623 | 382,200 | 0 | 382,200 | 1.73% | 1.73% |
| ===== | | | | | | | |
| TO BE MET BY GENERAL LEVY | 0 | 0 | 0 | 0 | 0 | | |
| ===== | | | | | | | |

ACTIVITY OBJECTIVE:

This activity is responsible for co-ordinating, preparing, and monitoring the Environmental capital and operating budgets, including the PUMC contract, receipting for invoice payment, invoicing for services provided by the Department, administering personnel related functions, maintaining personnel records, and ordering office and administration supplies.

FULL TIME EQUIVALENT - SALARY:

7

ACTIVITY COST SUMMARY

ACTIVITY: ADMINISTRATIVE SERVICES
SUBACTIVITY: CUSTOMER SERVICES

| ACCOUNT NUMBER DESCRIPTION | 1994 BUDGET | 1994 ACTUAL | 1995 EXISTING BUDGET | 1995 CHANGE | 1995 PROPOSED BUDGET | % INCREASE | % INCREASE PROPOSED |
|---|----------------|----------------|----------------------------|----------------|----------------------------|---------------|---------------------------|
| 401131 EXPENDITURES | | | | | | | |
| 51001 Salaries | 40,000 | 39,963 | 40,000 | 0 | 40,000 | | |
| 51801 Employee Benefits | 8,000 | 8,073 | 8,000 | 0 | 8,000 | | |
| 56301 Advertising & Publicity | 1,000 | 923 | 1,000 | 0 | 1,000 | | |
| 58690 C.A. - W.C.B. | 400 | 400 | 400 | 0 | 400 | | |
| | ----- | ----- | ----- | ----- | ----- | | |
| TOTAL EXPENDITURES | 49,400 | 49,359 | 49,400 | 0 | 49,400 | 0.00% | 0.00% |
| | ===== | ===== | ===== | ===== | ===== | | |
| 401131 REVENUES | | | | | | | |
| 44622 C.A. - Waterworks - Current | 14,300 | 14,288 | 14,300 | 0 | 14,300 | | |
| 44623 C.A. - Sanitary Sewers - Current | 14,500 | 14,488 | 14,500 | 0 | 14,500 | | |
| 44643 C.A. - Storm Sewers - Current | 13,400 | 13,389 | 13,400 | 0 | 13,400 | | |
| 44646 C.A. - Waste Management - Current | 1,000 | 999 | 1,000 | 0 | 1,000 | | |
| 47022 From Waterworks - Capital | 1,800 | 1,799 | 1,800 | 0 | 1,800 | | |
| 47023 From Sanitary Sewers - Capital | 1,700 | 1,699 | 1,700 | 0 | 1,700 | | |
| 47024 From Storm Sewers - Capital | 1,700 | 1,699 | 1,700 | 0 | 1,700 | | |
| 47046 From Waste Management - Capital | 1,000 | 999 | 1,000 | 0 | 1,000 | | |
| | ----- | ----- | ----- | ----- | ----- | | |
| TOTAL REVENUES | 49,400 | 49,359 | 49,400 | 0 | 49,400 | 0.00% | 0.00% |
| | ===== | ===== | ===== | ===== | ===== | | |
| TO BE MET BY GENERAL LEVY | 0 | 0 | 0 | 0 | 0 | | |
| | ===== | ===== | ===== | ===== | ===== | | |

ACTIVITY OBJECTIVE:

This activity centre is for Departmental customer services, such as preparation of various documents and newsletters, new personnel orientation, and forms management.

FULL TIME EQUIVALENT - SALARY:

1

ACTIVITY COST SUMMARY

ACTIVITY: ADMINISTRATIVE SERVICES
SUBACTIVITY: COMBINED SERVICES

| ACCOUNT NUMBER DESCRIPTION | 1994 BUDGET | 1994 ACTUAL | 1995 EXISTING BUDGET | 1995 CHANGE | 1995 PROPOSED BUDGET | % INCREASE | % INCREASE PROPOSED |
|---|----------------|----------------|----------------------------|----------------|----------------------------|---------------|---------------------------|
| 401140 EXPENDITURES | | | | | | | |
| 51801 Employee Benefits - E.A.P. | 0 | 10,610 | 11,400 | 0 | 11,400 | | |
| 51911 Employee Suggestion Award | 1,500 | 2,672 | 1,500 | 0 | 1,500 | | |
| 53001 Office Supplies | 37,500 | 37,543 | 29,300 | (8,900) | 20,400 | | |
| 53003 Office Furniture/Fixtures | 3,000 | 8,027 | 6,300 | 0 | 6,300 | | |
| 54002 Repairs - Office Equipment | 300 | 417 | 400 | 0 | 400 | | |
| 54015 Maintenance Contracts | 14,200 | 18,361 | 14,900 | 0 | 14,900 | | |
| 55005 Rent - Offices and Buildings | 156,800 | 154,843 | 133,400 | (5,000) | 128,400 | | |
| 56010 Telephone | 34,700 | 41,573 | 30,600 | 0 | 30,600 | | |
| 56012 Long Distance Calls | 5,600 | 3,616 | 2,300 | 0 | 2,300 | | |
| 56024 Offsite Telephone | 7,400 | 7,096 | 7,000 | 0 | 7,000 | | |
| 56201 Postage | 3,000 | 1,129 | 2,000 | 0 | 2,000 | | |
| 56301 Advertising & Publicity | 2,000 | 6,836 | 2,000 | 0 | 2,000 | | |
| 58013 Provision for Equipment | 15,000 | 15,000 | 15,000 | (10,000) | 5,000 | | |
| 58636 C.A. - Printing | 1,600 | 3,058 | 1,600 | 0 | 1,600 | | |
| 58637 C.A. - Insurance | 5,260 | 5,260 | 5,260 | 0 | 5,260 | | |
| 58695 C.A. - United Way | 400 | 400 | 400 | 0 | 400 | | |
| TOTAL EXPENDITURES | 288,260 | 316,440 | 263,360 | (23,900) | 239,460 | -8.64% | -16.93% |
| 401140 REVENUES | | | | | | | |
| 44622 C.A. - Waterworks - Current | 91,900 | 98,650 | 83,960 | (7,700) | 76,260 | | |
| 44623 C.A. - Sanitary Sewers - Current | 44,900 | 59,730 | 41,000 | (3,700) | 37,300 | | |
| 44643 C.A. - Storm Sewers - Current | 57,100 | 60,660 | 52,200 | (4,700) | 47,500 | | |
| 44646 C.A. - Waste Management - Current | 7,260 | 7,487 | 6,600 | (600) | 6,000 | | |
| 47022 From Waterworks - Capital | 36,600 | 37,838 | 33,400 | (3,000) | 30,400 | | |
| 47023 From Sanitary Sewers - Capital | 36,400 | 37,536 | 33,300 | (3,000) | 30,300 | | |
| 47024 From Storm Sewers - Capital | 9,200 | 9,487 | 8,400 | (800) | 7,600 | | |
| 47046 From Waste Management - Capital | 4,900 | 5,053 | 4,500 | (400) | 4,100 | | |
| TOTAL REVENUES | 288,260 | 316,440 | 263,360 | (23,900) | 239,460 | -8.64% | -16.93% |
| TO BE MET BY GENERAL LEVY | 0 | 0 | 0 | 0 | 0 | | |

ACTIVITY OBJECTIVE:

This activity is for combined departmental operating costs.

The 1995 change column reflects reductions made in accordance with Management Budget Steering Committee.

FULL TIME EQUIVALENT:

0

ACTIVITY COST SUMMARY

ACTIVITY: ADMINISTRATIVE SERVICES
SUBACTIVITY: COMPUTER SUPPORT

| ACCOUNT NUMBER DESCRIPTION | 1994 BUDGET | 1994 ACTUAL | 1995 EXISTING BUDGET | 1995 CHANGE | 1995 PROPOSED BUDGET | % INCREASE | INCREASE PROPOSED |
|---|----------------|----------------|----------------------------|----------------|----------------------------|---------------|----------------------|
| 401150 EXPENDITURES | | | | | | | |
| 54015 Maintenance Contracts | 2,600 | 2,703 | 3,300 | 0 | 3,300 | | |
| 56018 Data Line | 18,200 | 14,690 | 15,000 | 0 | 15,000 | | |
| 56533 Software Purchases | 4,560 | 11,139 | 4,100 | 0 | 4,100 | | |
| 56541 Hardware Purchases | 21,500 | 97,076 | 28,100 | 0 | 28,100 | | |
| 56545 Computer Supplies | 5,600 | 8,571 | 5,400 | 0 | 5,400 | | |
| 58617 C.A. - H.S.R. | 0 | 0 | 4,000 | 0 | 4,000 | | |
| 58639 C.A. - Systems | 59,970 | 35,593 | 33,000 | 0 | 33,000 | | |
| 58693 C.A. - P.C. Support Service | 38,440 | 40,041 | 39,700 | 0 | 39,700 | | |
| 58694 C.A. - P.C. Lease Mtce | 27,730 | 23,919 | 23,500 | 0 | 23,500 | | |
| TOTAL EXPENDITURES | 178,600 | 233,731 | 156,100 | 0 | 156,100 | -12.60% | - 12 60 |
| ===== | | | | | | | |
| 401150 REVENUES | | | | | | | |
| 44622 C.A. - Waterworks - Current | 63,800 | 75,641 | 55,700 | 0 | 55,700 | | |
| 44623 C.A. - Sanitary Sewers - Current | 54,200 | 56,439 | 47,400 | 0 | 47,400 | | |
| 44643 C.A. - Storm Sewers - Current | 47,900 | 50,021 | 41,900 | 0 | 41,900 | | |
| 44646 C.A. - Waste Management - Current | 12,700 | 13,630 | 11,100 | 0 | 11,100 | | |
| 47101 Transfer from Reserve | 0 | 38,000 | 0 | 0 | 0 | | |
| TOTAL REVENUES | 178,600 | 233,731 | 156,100 | 0 | 156,100 | -12.60% | - 12 60 |
| ===== | | | | | | | |
| TO BE MET BY GENERAL LEVY | 0 | 0 | 0 | 0 | 0 | | |
| ===== | | | | | | | |

ACTIVITY OBJECTIVE:

This activity is for departmental computer and system maintenance costs. In 1994, Council approved the purchase of computer equipment for the purpose of replacement, at an estimated cost of \$38,000 to be funded from the Environmental Services Department Equipment Replacement Reserve No. 081203 (ENV 94-113, ESC 10-94, September 20, 1994).

FULL TIME EQUIVALENT:

0

ACTIVITY COST SUMMARY

ACTIVITY: INFRASTRUCTURE OPERATIONS
 SUBACTIVITY: INFRASTRUCTURE MAINTENANCE

| ACCOUNT NUMBER DESCRIPTION | 1994 BUDGET | 1994 ACTUAL | 1995 EXISTING BUDGET | 1995 CHANGE | 1995 PROPOSED BUDGET | % INCREASE | % INCREASE PROPOSED |
|---------------------------------|----------------|----------------|----------------------------|----------------|----------------------------|---------------|---------------------------|
| 401420 EXPENDITURES | | | | | | | |
| 51001 Salaries | 553,420 | 531,280 | 704,000 | 0 | 704,000 | | |
| 51702 Overtime | 0 | 2,666 | 0 | 0 | 0 | | |
| 51801 Employee Benefits | 106,565 | 88,956 | 132,600 | 0 | 132,600 | | |
| 53001 Office Supplies | 0 | 0 | 3,000 | 0 | 3,000 | | |
| 53002 Office Equipment | 0 | 0 | 17,400 | 0 | 17,400 | | |
| 53231 Motor Vehicle Charges | 4,500 | 7,279 | 0 | 0 | 0 | | |
| 55050 Rent - Cellular Telephone | 600 | 490 | 600 | 0 | 600 | | |
| 56545 Computer Supplies | 0 | 0 | 2,000 | 0 | 2,000 | | |
| 56901 Contractual Services | 3,500 | 3,572 | 70,000 | 0 | 70,000 | | |
| 57002 Mileage | 100 | 877 | 1,500 | 0 | 1,500 | | |
| 57007 Meals | 150 | 90 | 500 | 0 | 500 | | |
| 57008 Conferences | 700 | 3,036 | 4,000 | 0 | 4,000 | | |
| 57101 Training Courses | 1,500 | 876 | 2,000 | 0 | 2,000 | | |
| 58617 C.A. - H.S.R. | 33,300 | 33,300 | 33,300 | 0 | 33,300 | | |
| 58690 C.A. - W.C.B. | 5,565 | 5,200 | 7,000 | 0 | 7,000 | | |
| TOTAL EXPENDITURES | 709,900 | 677,622 | 977,900 | 0 | 977,900 | 37.75% | 37.75% |

401420 REVENUES

| | | | | | | | |
|--|---------|---------|---------|---|---------|--------|--------|
| 44622 C.A. - Waterworks - Current | 438,675 | 424,016 | 576,800 | 0 | 576,800 | | |
| 44623 C.A. - Sanitary Sewers - Current | 103,675 | 83,130 | 225,400 | 0 | 225,400 | | |
| 44643 C.A. - Storm Sewers - Current | 120,650 | 122,765 | 126,500 | 0 | 126,500 | | |
| 47022 From Waterworks - Capital | 32,600 | 33,185 | 34,200 | 0 | 34,200 | | |
| 47023 From Sanitary Sewers - Capital | 9,600 | 9,751 | 10,100 | 0 | 10,100 | | |
| 47024 From Storm Sewers - Capital | 4,700 | 4,774 | 4,900 | 0 | 4,900 | | |
| TOTAL REVENUES | 709,900 | 677,622 | 977,900 | 0 | 977,900 | 37.75% | 37.75% |
| TO BE MET BY GENERAL LEVY | 0 | 0 | 0 | 0 | 0 | | |

ACTIVITY OBJECTIVE:

This activity is for the administration of the infrastructure maintenance division (located at Victoria Avenue headquarters).

FULL TIME EQUIVALENT - SALARY:

14

ACTIVITY COST SUMMARY

ACTIVITY: INFRASTRUCTURE OPERATIONS
SUBACTIVITY: VEHICLE & EQUIPMENT MANAGEMENT

| ACCOUNT NUMBER DESCRIPTION | 1994 BUDGET | 1994 ACTUAL | 1995 EXISTING BUDGET | 1995 CHANGE | 1995 PROPOSED BUDGET | % INCREASE | % INCREASE PROPOSED |
|--|----------------|----------------|----------------------------|----------------|----------------------------|---------------|---------------------------|
| 401430 EXPENDITURES | | | | | | | |
| 51001 Salaries | 146,100 | 151,796 | 146,500 | 0 | 146,500 | | |
| 51101 Wages | 266,300 | 261,580 | 262,700 | 0 | 262,700 | | |
| 51702 Overtime | 12,900 | 15,984 | 13,100 | 0 | 13,100 | | |
| 51801 Employee Benefits | 85,200 | 78,143 | 84,500 | 0 | 84,500 | | |
| 53204 Fuel - Natural Gas | 1,600 | 364 | 1,000 | 0 | 1,000 | | |
| 53205 Fuel - Unleaded Gas | 201,900 | 227,628 | 197,200 | 0 | 197,200 | | |
| 53207 Fuel - Propane | 20,000 | 14,069 | 11,000 | 0 | 11,000 | | |
| 53208 Fuel - Diesel | 96,800 | 149,373 | 115,400 | 0 | 115,400 | | |
| 53212 Licenses | 39,000 | 37,528 | 35,400 | 0 | 35,400 | | |
| 53213 Vehicle Parts | 274,600 | 254,043 | 240,000 | 0 | 240,000 | | |
| 53222 Tires | 45,000 | 57,682 | 43,000 | 0 | 43,000 | | |
| 53231 Motor Vehicle Charges | 21,500 | 21,500 | 21,500 | 0 | 21,500 | | |
| 53248 Vehicle Recoveries (Fixed Income) | (352,300) | (348,648) | (215,700) | 0 | (215,700) | | |
| 53249 Road Equipment Recovery | (750,670) | (739,139) | (895,960) | 0 | (895,960) | | |
| 53250 Sewer/Water Equipment Recovery | (868,830) | (954,711) | (728,500) | 0 | (728,500) | | |
| 53251 Meter Water Equipment Recovery | (63,600) | (69,015) | (68,800) | 0 | (68,800) | | |
| 53402 Protective Clothing | 2,000 | 4,987 | 3,000 | 0 | 3,000 | | |
| 53901 Operating Supplies | 1,800 | 4,162 | 1,500 | 0 | 1,500 | | |
| 53904 Operating Equipment | 13,700 | 24,946 | 15,200 | 0 | 15,200 | | |
| 53905 Small Tools & Supplies | 3,200 | 3,266 | 3,200 | 0 | 3,200 | | |
| 54201 Repairs - Buildings | 27,000 | 18,439 | 30,000 | 0 | 30,000 | | |
| 56003 Hydro | 3,000 | 2,567 | 3,000 | 0 | 3,000 | | |
| 56006 Water | 1,200 | 611 | 1,000 | 0 | 1,000 | | |
| 56018 Data Line | 2,300 | 1,025 | 1,400 | 0 | 1,400 | | |
| 56024 Offsite Telephone | 3,400 | 2,930 | 3,400 | 0 | 3,400 | | |
| 56901 Contractual Services | 135,200 | 196,138 | 143,000 | 0 | 143,000 | | |
| 57101 Training Courses | 1,000 | 553 | 3,000 | 0 | 3,000 | | |
| 58006 To Vehicle/Equipment Reserve (Deprn) | 581,000 | 581,000 | 525,000 | 0 | 525,000 | | |
| 58049 To Operating Fund Reserve | 38,300 | (10,201) | (6,340) | 0 | (6,340) | | |
| 58617 C.A. - H.S.R. (Safety Trainer) | 700 | 700 | 700 | 0 | 700 | | |
| 58690 C.A. - W.C.B. | 10,700 | 10,700 | 10,600 | 0 | 10,600 | | |
| TOTAL EXPENDITURES | 0 | (0) | 0 | 0 | 0 | N/A | N/A |

ACTIVITY OBJECTIVE:

This activity is for the administration and maintenance of Regional vehicles and equipment. It includes all operating and maintenance costs to operate the garage and maintain the fleet of 220 vehicles/ equipment. Revenue from users is received based on both hourly usage and based on a fixed annual rate.

In 1994 this activity provided Fleet services for 24 vehicles/ equipment, which PUMC will take over effective January 1, 1995

FULL TIME EQUIVALENT - SALARY 3
FULL TIME EQUIVALENT - WAGE: 6

ACTIVITY COST SUMMARY

ACTIVITY: INFRASTRUCTURE OPERATIONS
 SUBACTIVITY: REPLACEMENT VEHICLES & EQUIPMENT

| ACCOUNT NUMBER DESCRIPTION | 1994 BUDGET | 1994 ACTUAL | 1995 EXISTING BUDGET | 1995 CHANGE | 1995 PROPOSED BUDGET | % INCREASE | % INCREASE PROPOSED |
|--------------------------------------|----------------|----------------|----------------------------|----------------|----------------------------|---------------|---------------------------|
| 401431 EXPENDITURES | | | | | | | |
| 53802 Replacement Vehicle/Equipment | 514,000 | 454,901 | 518,900 | 0 | 518,900 | | |
| TOTAL EXPENDITURES | 514,000 | 454,901 | 518,900 | 0 | 518,900 | 0.95% | 0.95% |
| ===== | | | | | | | |
| REVENUES | | | | | | | |
| 47128 From Vehicle/Equipment Reserve | 514,000 | 190,576 | 518,900 | 0 | 518,900 | | |
| 48402 Vehicle / Equipment Sales | 0 | 264,325 | 0 | 0 | 0 | | |
| TOTAL REVENUES | 514,000 | 454,901 | 518,900 | 0 | 518,900 | 0.95% | 0.95% |
| ===== | | | | | | | |
| TO BE MET BY GENERAL LEVY | 0 | 0 | 0 | 0 | 0 | | |
| ===== | | | | | | | |

ACTIVITY OBJECTIVE:

This activity is for the replacement of vehicles and equipment. It was established in the 1994 budget process per an Internal Audit recommendation which was approved by Council on April 19, 1994 (ESC 5-94, Item 5), in order to show the transfer from reserve being directly related to the cost of replacement vehicles and equipment. In 1994, 21 vehicles/equipment required replacement, and the 1995 budget is also for the replacement of 21 vehicles/equipment.

The 1994 actual for vehicle / equipment sales revenue is a one-time collection for the sale of 24 vehicles / equipment to PUMC.

ACTIVITY COST SUMMARY

ACTIVITY: PLANT ADMINISTRATION
SUBACTIVITY: OPERATIONS

| ACCOUNT NUMBER DESCRIPTION | 1994 BUDGET | 1994 ACTUAL | 1995 EXISTING BUDGET | 1995 CHANGE | 1995 PROPOSED BUDGET | % INCREASE | INCREASE PROPOSED |
|--|----------------|----------------|----------------------------|----------------|----------------------------|---------------|----------------------|
| 401510 EXPENDITURES | | | | | | | |
| 51001 Salaries | 464,800 | 475,012 | 0 | 0 | 0 | | |
| 51702 Overtime | 0 | 10,963 | 0 | 0 | 0 | | |
| 51801 Employee Benefits | 89,000 | 85,313 | 0 | 0 | 0 | | |
| 57002 Mileage | 5,200 | 10,982 | 0 | 0 | 0 | | |
| 57007 Meals | 100 | 162 | 0 | 0 | 0 | | |
| 57008 Conferences | 3,000 | 3,820 | 0 | 0 | 0 | | |
| 57101 Training Courses | 3,500 | (79) | 0 | 0 | 0 | | |
| 58607 C.A. - Solicitors | 0 | 1,216 | 0 | 0 | 0 | | |
| 58617 C.A. - H.S.R. | 1,000 | 1,000 | 0 | 0 | 0 | | |
| 58690 C.A. - W.C.B. | 4,700 | 4,700 | 0 | 0 | 0 | | |
| TOTAL EXPENDITURES | 571,300 | 593,090 | 0 | 0 | 0 | -100.00% | -100.00% |
| 401510 REVENUES | | | | | | | |
| 44622 C.A. - Waterworks - Current | 121,800 | 126,431 | 0 | 0 | 0 | | |
| 44623 C.A. - Sanitary Sewers - Current | 207,700 | 215,629 | 0 | 0 | 0 | | |
| 47022 From Waterworks - Capital | 174,300 | 180,954 | 0 | 0 | 0 | | |
| 47023 From Sanitary Sewers - Capital | 67,500 | 70,077 | 0 | 0 | 0 | | |
| TOTAL REVENUES | 571,300 | 593,090 | 0 | 0 | 0 | -100.00% | -100.00% |
| TO BE MET BY GENERAL LEVY | 0 | 0 | 0 | 0 | 0 | | |

ACTIVITY OBJECTIVE:

This activity was responsible for administering the operations of the Water and Wastewater Treatment Plants, storage tanks, pumping stations, and wells in 1994. These tasks will be handled by PUMC effective January 1, 1995.

See PUMC Contracts - Appendix A

ACTIVITY COST SUMMARY

ACTIVITY: PLANT ADMINISTRATION
SUBACTIVITY: MAINTENANCE

| ACCOUNT NUMBER DESCRIPTION | 1994 BUDGET | 1994 ACTUAL | 1995 EXISTING BUDGET | 1995 CHANGE | 1995 PROPOSED BUDGET | % INCREASE | % INCREASE PROPOSED |
|--|----------------|----------------|----------------------------|----------------|----------------------------|---------------|---------------------------|
| 401530 EXPENDITURES | | | | | | | |
| 51001 Salaries | 556,600 | 565,203 | 0 | 0 | 0 | | |
| 51101 Wages | 77,100 | 75,706 | 0 | 0 | 0 | | |
| 51702 Overtime | 0 | 14,823 | 0 | 0 | 0 | | |
| 51801 Employee Benefits | 128,300 | 122,120 | 0 | 0 | 0 | | |
| 55011 Rent - Pager | 600 | 244 | 0 | 0 | 0 | | |
| 55050 Rent - Cellular Telephone | 400 | 582 | 0 | 0 | 0 | | |
| 57002 Mileage | 8,500 | 2,664 | 0 | 0 | 0 | | |
| 57007 Meals | 500 | 0 | 0 | 0 | 0 | | |
| 58690 C.A. - W.C.B. | 8,300 | 8,300 | 0 | 0 | 0 | | |
| TOTAL EXPENDITURES | 780,300 | 789,642 | 0 | 0 | 0 | -100.00% | -100.00% |
| ===== | | | | | | | |
| 401530 REVENUES | | | | | | | |
| 44622 C.A. - Waterworks - Current | 251,800 | 254,815 | 0 | 0 | 0 | | |
| 44623 C.A. - Sanitary Sewers - Current | 389,300 | 393,961 | 0 | 0 | 0 | | |
| 47022 From Waterworks - Capital | 73,000 | 73,874 | 0 | 0 | 0 | | |
| 47023 From Sanitary Sewers - Capital | 66,200 | 66,993 | 0 | 0 | 0 | | |
| TOTAL REVENUES | 780,300 | 789,642 | 0 | 0 | 0 | -100.00% | -100.00% |
| ===== | | | | | | | |
| TO BE MET BY GENERAL LEVY | 0 | 0 | 0 | 0 | 0 | | |
| ===== | | | | | | | |

ACTIVITY OBJECTIVE:

This activity centre was responsible for administering the maintenance of the Water and Wastewater Treatment Plants, storage tanks, pumping stations and wells in 1994. These tasks will be handled by PUMC effective January 1, 1995.

See PUMC Contracts - Appendix A

SCHEDULE "C"
ENVIRONMENTAL SERVICES
DEPARTMENT

1995
COMPLEMENT

ENVIRONMENTAL SERVICES DEPARTMENT

COMPLEMENT SUMMARY

As at:

08-Feb-95

| Division | Non-Union | Local 167 | Local 772 | Local 5 | FTE TOTAL | Contract | Temporary Positions | Vacancies | Eligible E/R ** |
|--------------------------|-----------|-----------|-----------|---------|-----------|----------|---------------------|-----------|-----------------|
| Senior Administration | 4 | 0 | 0 | 0 | 4 | 1 | 0 | 1 | 0 |
| Finance & Administration | 3 | 5 | 0 | 0 | 8 | 0 | 0 | 1 | 0 |
| Infrastructure: | | | | | | | | | |
| Vehicle/Fleet Management | 2 | 1 | 0 | 6 | 9 | 0 | 0 | 0 | 0 |
| Planning | 5 | 4 | 0 | 0 | 9 | 0 | 0 | 1 | 0 |
| Maintenance * | 16 | 8 | 0 | 90 | 114 | 0 | 0 | 16 | 0 |
| Regional Laboratories | 3 | 14 | 0 | 0 | 17 | 0 | 0 | 1 | 0 |
| Waste Management: | | | | | | | | | |
| Sewer Use Control | 2 | 11 | 0 | 0 | 13 | 0 | 0 | 0 | 0 |
| CMPP | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 |
| Waste | 4 | 9 | 0 | 0 | 13 | 0 | 0 | 1 | 0 |

FULL TIME POSITIONS: 39 52 0 96 187 1 1 21 0

* Complement will be reduced by two as follows:

- Stores Supervisor (1)
- Supervisor - Common Services (1)

** Retirements will be added as known

Full Time Positions: 187
-2*
185

ENVIRONMENTAL SERVICES COMPLEMENT

| Title | F/T TOTAL |
|-------|--------------|
|-------|--------------|

Senior Administration

| | |
|--|---|
| Senior Director - Environmental Services | |
| Administrative Assistant II | |
| Super. Water & Wastewater Treat. (Contract Services) | |
| Financial Services Supervisor | |
| Technical Officer * | 4 |

* Contract expires in July 1996

Finance & Administration

| | |
|--|---|
| Manager, Finance and Administration | |
| Accounting Services Supervisor | |
| Environmental Services Financial Analyst | |
| Environmental Services Financial Analyst | |
| Environmental Services Financial Analyst | |
| Environmental Services Personnel Clerk | |
| Environmental Services Input Clerk | |
| Customer Service Supervisor | 8 |

Infrastructure Planning & Maintenance

| | |
|-------------------------------------|---|
| Director, Infrastructure Operations | |
| Administrative Secretary | 2 |

Planning

| | |
|--|---|
| Manager of Infrastructure Planning | |
| Planning Engineer | |
| Planning Engineer | |
| Planning Engineer | |
| Project Major Engineer | |
| Infrastructure Planning Administrator | |
| Environmental Planning Technologist | |
| Environmental Planning Technologist | |
| Environmental Services Recept./Secretary | 9 |

Maintenance

| | |
|---|--|
| Sewer/Water Mtnc Superintendent | |
| Area Supervisor (Sewer/Water Maintenance) | |
| Area Supervisor (Sewer/Water Maintenance) | |
| Stores Supervisor | |
| Supervisor - Common Services | |
| Office Manager | |
| Technical Support Coordinator | |
| Manager, Maintenance Management | |
| Inventory Management Clerk | |
| Technologist | |
| Infrastructure Mtce Mgmt Clerk | |
| Records/Permits Clerk | |
| Sewer & Water Mtce Clerk I | |
| Sewer & Water Mtce Clerk II | |
| Sewer & Water Mtce Clerk III | |
| District Supervisor | |
| District Supervisor | |
| District Supervisor | |
| District Supervisor | |
| District Supervisor | |
| District Supervisor | |
| District Supervisor | |
| Lead Hand (Maint) | |
| Lead Hand (Maint) | |
| Lead Hand (Maint) | |
| Lead Hand (Maint) | |

ENVIRONMENTAL SERVICES COMPLEMENT

[illegible]

ENVIRONMENTAL SERVICES COMPLEMENT

| Title | F/T | TOTAL |
|------------------------------|-----|-------|
| Labourer/Truck Driver | | |
| Labourer/Truck Driver | | |
| Labourer/Truck Driver | | |
| Labourer/Truck Driver | | |
| Labourer/Truck Driver | | |
| Labourer/Truck Driver | | |
| Labourer/Truck Driver | | |
| Labourer/Truck Driver | | |
| Labourer/Truck Driver | | |
| Labourer/Truck Driver | | |
| Labourer/Truck Driver | | |
| Labourer/Truck Driver | | |
| Labourer | | |
| Labourer | | |
| Hydrant Repairer | | |
| Lead Hand (Maintenance Shop) | | |
| Lead Hand (Maintenance Shop) | | 112 |

Vehicle & Equipment Management

| | | |
|----------------------------------|--|---|
| Fleet Management Supervisor | | |
| Vehicle & Equipment Co-ordinator | | |
| Vehicle Operations Clerk | | |
| Motor Mechanic Lead Hand | | |
| Motor Mechanic | | |
| Motor Mechanic | | |
| Motor Mechanic | | |
| Motor Mechanic | | |
| Stockkeeper Clerk | | 9 |

Regional Laboratories

| | | |
|-------------------------------|--|----|
| Manager of Laboratories | | |
| QA/QC Technologist | | |
| Laboratory Clerk | | |
| Water Laboratory Technician | | |
| Lab Assistant | | |
| Lab Field Assistant | | |
| Inorganic Chemist | | |
| Chemist/Technologist | | |
| Chemist/Technologist | | |
| Waste Laboratory Technician | | |
| Waste Laboratory Technician | | |
| Waste Laboratory Technician | | |
| Waste Laboratory Technician | | |
| Waste Laboratory Technician | | |
| Organic Chemist | | |
| Organic Laboratory Technician | | 17 |

ENVIRONMENTAL SERVICES COMPLEMENT

| Title | F/T TOTAL |
|-------|--------------|
|-------|--------------|

Sewer Use Control

Field Services Supervisor
 Pollution Abatement Field Officer
 Pollution Abatement Field Officer
 Assistant Pollution Abatement Officer
 Assistant Pollution Abatement Officer
 Pollution Abatement Field Officer
 Pollution Abatement Field Officer
 Environmental Control Clerk
 Supervisor, Industrial Waste*
 Supervisor, Industrial Waste**
 Pollution Abatement Survey Officer *
 Pollution Abatement Survey Officer
 Pollution Abatement Survey Officer
 Waste Management Analyst

CMPP

Waste Reduction Analyst ***

Waste Management

Manager of Waste Management
 Waste Management Secretary
 Supervisor, Solid Waste Operations
 Solid Waste Field Technician
 Solid Waste Field Technician
 Waste Management Analyst
 Waste Management Clerk
 Waste Reduction Administrator
 Waste Reduction Technician
 Recycling Co-ordinator
 Waste Reduction Analyst
 Waste Reduction Officers
 Waste Reduction Clerk

26

* Temporarily assigned to F/T duties of Project Manager
 CMPP – approx. length 12 – 18 months – to end Dec/95
 (100% funded by CMPP Project)

** Temporarily assigned to F/T duties of Supervisor,
 Industrial Waste – approx. length 12 – 18 months
 to end Dec/95

*** Temporary Position due to CMPP – approximate length
 14 months – to end August 1995

FULL TIME TOTAL

187

Students

Co-Op Student (Salary)
 Co-Op Student (Salary)
 Co-Op Student (Salary)
 Co-Op Student (Salary)
 Co-Op Student (Wage)
 Co-Op Student (Wage)

6

SCHEDULE "D"
ENVIRONMENTAL SERVICES
DEPARTMENT

1995
POLLUTION PREVENTION
CHECKLIST

POLLUTION PREVENTION CHECKLIST

for the 1995 Current Budget Process

Purchasing Goods & Services in 1995: Staff are encouraged to seek out alternative products and services from year to year. Such changes are not considered to be a new or enhanced program as long as there is no change in the end result (eg. are you still performing the same activity or service?).

ACTIVITY CENTRE #: 401000

ACTIVITY: Administrative Services
SUB-ACTIVITY: Combined Services / Computer Support

List below, all items (goods/services) that are purchased as part of this activity centre and complete the checklist for each. (Use additional sheets if needed):

| Description of product/service | Quantity purchased (per year) | Environmental qualities of current product/service | Alternatives available? (yes, no, not sure) | Any changes for 1995? (yes, no) | What alternatives are being sought - what are the benefits/targets? |
|--|-------------------------------|---|---|---------------------------------|--|
| Computer related - Electronic mail N: & P: Disk Drives | n/a | Reduce use of paper and printing equipment | yes | no | Reduce the need and use of paper. Increase efficiency by reducing printing & courier time. Less need for hard copy. |
| Bankers Boxes, Courier envelopes, manila envelopes | n/a | High levels of recycled paper including post consumer waste | yes | no | Reduce need for continued tree cutting. Use as much post consumer waste as possible. |
| Paper towels, toilet paper, garbage bags | n/a | All 100% recycled | yes | no | As above |

POLLUTION PREVENTION CHECKLIST

for the 1995 Current Budget Process

Purchasing Goods & Services in 1995: Staff are encouraged to seek out alternative products and services from year to year. Such changes are not considered to be a new or enhanced program as long as there is no change in the end result (eg. are you still performing the same activity or service?).

ACTIVITY CENTRE #: 401000

ACTIVITY: Administrative Services

SUB-ACTIVITY: Combined Services / Computer Support

List below, all items (goods/services) that are purchased as part of this activity centre and complete the checklist for each. (Use additional sheets if needed):

| Description of product/service | Quantity purchased (per year) | Environmental qualities of current product/service | Alternatives available? (yes, no, not sure) | Any changes for 1995? (yes, no) | What alternatives are being sought - what are the benefits/targets? |
|--|-------------------------------|---|---|---------------------------------|--|
| Business Cards | 40x200 | 100% recycled, 10% post consumer waste, single colour vegetable ink, square corners | yes | no | Technologically the best product to meet our needs and least contaminating to the environment. |
| External correspondence paper & envelopes (mint) | 5000 | 100% recycled - no chlorine used, vegetable ink, no letterhead | yes | no | Reduction of processing & printing costs by excluding letterhead. |
| Laser printer & photocopier paper | 400000 | 10% recycled | yes | no | Try to purchase highest level of recycled paper within cost parameters. Dual sided printing and photocopying where machinery allows. |
| Non Smoking Office environment (no smoking room) | n/a | Healthiest policy for all staff. | no | no | Smoke free environment |

POLLUTION PREVENTION CHECKLIST

for the 1995 Current Budget Process

Purchasing Goods & Services in 1995: Staff are encouraged to seek out alternative products and services from year to year. Such changes are not considered to be a new or enhanced program as long as there is no change in the end result (eg. are you still performing the same activity or service?).

ACTIVITY CENTRE #: 401430

ACTIVITY: Vehicle & Equipment Management
SUB-ACTIVITY: Maintenance of Regional Vehicle & Equipment

List below, all items (goods/services) that are purchased as part of this activity centre and complete the checklist for each. (Use additional sheets if needed):

| Description of product/service | Quantity purchased (per year) | Environmental qualities of current product/service | Alternatives available? (yes, no, not sure) | Any changes for 1995? (yes, no) | What alternatives are being sought - what are the benefits/targets? |
|--|--|--|---|---------------------------------|--|
| Anti-freeze recycler | 1 (1995 only) | recycles used antifreeze so there is no waste or toxins | not sure | n/a | n/a |
| Fuel Injector Cleaning Kit | 1 (1995 only) | reduces emissions and waste | not sure | n/a | n/a |
| Radial Tires on all Replacement Trucks | varies | increases mileage and reduces fuel consumption | no | no | - higher grade tires |
| Conversion of Unleaded Vehicles to Natural Gas | potentially 2 per year beginning in 1995 | increases mileage, reduces consumption, reduces emissions of carbon monoxide and sulphur dioxide | no | no | n/a |
| Fuel Additives | n/a | reduces consumption, possible reduces emissions | not sure | no | - fuel savers, emission reducers (sulphur monoxide, nitrogen oxide, hydro carbons, carbon monoxide), vehicle life increasers - carbon build-up reducers |

POLLUTION PREVENTION CHECKLIST

for the 1995 Current Budget Process

Purchasing Goods & Services in 1995: Staff are encouraged to seek out alternative products and services from year to year. Such changes are not considered to be a new or enhanced program as long as there is no change in the end result (eg. are you still performing the same activity or service?).

ACTIVITY CENTRE #: 401431

ACTIVITY: Vehicle & Equipment Management
SUB-ACTIVITY: Replacement Vehicles and Equipment

List below, all items (goods/services) that are purchased as part of this activity centre and complete the checklist for each. (Use additional sheets if needed):

| Description of product service | Quantity purchased (per year) | Environmental qualities of current product service | Alternatives available? (yes, no, not sure) | Any changes for 1995? (yes, no) | What alternatives are being sought - what are the benefits/targets? |
|---|-------------------------------|---|---|---------------------------------|---|
| Purchase 6 cylinder pickups rather than 8 cylinder pickups | 6 for 1995 | Reduce fuel consumption, thereby reducing emissions and exhaust | yes | no | - alternative fuelled vehicles - fuel additives |
| Purchase 4 cylinder compact cars rather than 6 cylinder intermediate cars | 1 for 1995 | Reduce fuel consumption, thereby reducing emissions and exhaust | yes | no | - alternative fuelled vehicles - fuel additives |
| Purchase 6 cylinder intermediate cars rather than 8 cylinder full size cars | 2 for 1995 | Reduce fuel consumption, thereby reducing emissions and exhaust | yes | no | - alternative fuelled vehicles - fuel additives |

POLLUTION PREVENTION CHECKLIST

for the 1995 Current Budget Process

Purchasing Goods & Services in 1995: Staff are encouraged to seek out alternative products and services from year to year. Such changes are not considered to be a new or enhanced program as long as there is no change in the end result (eg. are you still performing the same activity or service?).

ACTIVITY CENTRE #: 402000

ACTIVITY: Water and Wastewater Regional Labs
SUB-ACTIVITY: Operating Supplies

List below, all items (goods/services) that are purchased as part of this activity centre and complete the checklist for each. (Use additional sheets if needed):

| Description of product/service | Quantity purchased (per year) | Environmental qualities of current product/service | Alternatives available? (yes, no, not sure) | Any changes for 1995? (yes, no) | What alternatives are being sought - what are the benefits/targets? |
|-----------------------------------|-------------------------------|--|---|---------------------------------|---|
| Freon (oil & grease test) | 60L | contributes to ozone depletion | not yet | probably | Alternative methods are being evaluated by MOEE. Solvent is being re-used to minimize volume used. |
| Nessler Reagent (ammonia test) | 4L | contains mercuric sulphate (toxic) | yes | no | An alternative method using Skalar automated chemistry will be run, pending approval of capital Ion Chromatograph purchase. |
| Mercuric Oxide (COD test) | 1k | toxic | not sure | probably | Looking into replacement by a less toxic catalyzer. Validation method might be required. |
| Acids / Bases | 300L | product in re-usable containers | yes | yes | These products are purchased through Anachemia Science. Containers are removed at no charge and re-used. |

| REGIONAL LABS | | CENTRE 402000 | | Continued | |
|-------------------------------|-----|--|-----|-----------|---|
| Waste Disposal | n/a | any hazardous waste to be disposed to minimize adverse effects | yes | no | Procedures are already in place to minimize disposal of toxic samples/chemicals to the Treatment facility. They are disposed of by certified haulers. |
| HEPA Filters for bacteria use | 2 | reduce 99% of toxic air contaminants | yes | yes | Incorporation of filters in the preparation area will improve the air quality in the labs and dispersed outside the labs. |

POLLUTION PREVENTION CHECKLIST

for the 1995 Current Budget Process

Purchasing Goods & Services in 1995: Staff are encouraged to seek out alternative products and services from year to year. Such changes are not considered to be a new or enhanced program as long as there is no change in the end result (eg. are you still performing the same activity or service?).

ACTIVITY CENTRE #: 403100

ACTIVITY: WASTE MANAGEMENT

SUB-ACTIVITY: DISPOSAL SITES - GLANBROOK REGIONAL SITE
OPERATIONS

List below, all items (goods/services) that are purchased as part of this activity centre and complete the checklist for each. (Use additional sheets if needed):

| Description of product/service | Quantity purchased (per year) | Environmental qualities of current product/service | Alternatives available? (yes, no, not sure) | Any changes for 1995? (yes, no) | What alternatives are being sought - what are the benefits/targets? |
|--------------------------------|-------------------------------|---|---|---------------------------------|--|
| Operating Supplies | Many | Peristaltic pump, walterra foot valves, polyethylene tubing, masting tape, rubber gloves - restricted to the purchase of these items from Regional stores | Not sure | No | |
| Leachate Removal/Disposal | 145 cubic metres | Removal of leachate from collection pipes at Glanbrook - reduces environmental impairment of ground water | No | Yes | Increased leachate removal during 1995 to lower the mounded leachate within the landfill and to alleviate leachate breakouts onto the surface. |
| Consulting Services | 1 | Evaluation of monitoring results gathered at Glanbrook to determine any environmental impacts and to purpose remedial action | No | No | |

POLLUTION PREVENTION CHECKLIST

for the 1995 Current Budget Process

Purchasing Goods & Services in 1995: Staff are encouraged to seek out alternative products and services from year to year. Such changes are not considered to be a new or enhanced program as long as there is no change in the end result (eg. are you still performing the same activity or service?).

ACTIVITY CENTRE #: 403101

ACTIVITY: WASTE MANAGEMENT
SUB-ACTIVITY: EXTERNAL CONTRACTS

List below, all items (goods/services) that are purchased as part of this activity centre and complete the checklist for each. (Use additional sheets if needed):

| Description of product/service | Quantity purchased (per year) | Environmental qualities of current product/service | Alternatives available? (yes, no, not sure) | Any changes for 1995? (yes, no) | What alternatives are being sought - what are the benefits/targets? |
|--------------------------------|-------------------------------|--|---|---------------------------------|--|
| Consulting Services | 1 | Terms of Reference for the Region's Solid Waste Contract - Long Overdue improvements to the system | No | No | |
| Laidlaw Waste Systems | 1 | Operate the Region's Solid Waste Management System - generation of electricity and recovery of steel | Yes | No | Improvements in the contract to increase the level of recyclables captured from the waste stream- improve electricity generation |
| Glanbrook Disposal Agreement | 1 | Reimburses Glanbrook for the location of the landfill site | No | No | |

POLLUTION PREVENTION CHECKLIST for the 1995 Current Budget Process

Purchasing Goods & Services in 1995: Staff are encouraged to seek out alternative products and services from year to year. Such changes are not considered to be a new or enhanced program as long as there is no change in the end result (eg. are you still performing the same activity or service?).

ACTIVITY CENTRE #: 403201

ACTIVITY: WASTE MANAGEMENT

SUB-ACTIVITY: DISPOSAL SITES - TRANSFER STATIONS - SCALE OPERATIONS

List below, all items (goods/services) that are purchased as part of this activity centre and complete the checklist for each. (Use additional sheets if needed):

| Description of product/service | Quantity purchased (per year) | Environmental qualities of current product/service | Alternatives available? (yes, no, not sure) | Any changes for 1995? (yes, no) | What alternatives are being sought - what are the benefits/targets? |
|--------------------------------|-------------------------------|--|---|---------------------------------|---|
| Operating Supplies | Many | Weigh Scale Tickets - Miscellaneous supplies | Yes | No | Ensure recycled paper is used for weigh scale tickets |

POLLUTION PREVENTION CHECKLIST

for the 1995 Current Budget Process

Purchasing Goods & Services in 1995: Staff are encouraged to seek out alternative products and services from year to year. Such changes are not considered to be a new or enhanced program as long as there is no change in the end result (eg. are you still performing the same activity or service?).

ACTIVITY CENTRE #: 403300

ACTIVITY: WASTE MANAGEMENT
SUB-ACTIVITY: S.W.A.R.U.

List below, all items (goods/services) that are purchased as part of this activity centre and complete the checklist for each. (Use additional sheets if needed):

| Description of product/service | Quantity purchased (per year) | Environmental qualities of current product/service | Alternatives available? (yes, no, not sure) | Any changes for 1995? (yes, no) | What alternatives are being sought - what are the benefits/targets? |
|--------------------------------|-------------------------------|---|---|---------------------------------|---|
| Replacement Bags | 1500-2000 | Capture flyash during combustion process at SWARU | No | No | |
| Flyash Disposal | 7000-8000 tonnes | Neutralize flyash so that it is not hazardous - dispose of at Glanbrook - used to form roadbase for trucks on garbage | Yes | No | Use as a supplement in the cement business |

POLLUTION PREVENTION CHECKLIST

for the 1995 Current Budget Process

Purchasing Goods & Services in 1995: Staff are encouraged to seek out alternative products and services from year to year. Such changes are not considered to be a new or enhanced program as long as there is no change in the end result (eg. are you still performing the same activity or service?).

ACTIVITY CENTRE # 403400 ACTIVITY: WASTE MANAGEMENT
SUB-ACTIVITY: FORMER LANDFILL - UPPER OTTAWA SITE MANAGEMENT OPERATIONS

| Description of product/service | Quantity purchased (per year) | Environmental qualities of current product/service | Alternatives available? (yes, no, not sure) | Any changes for 1995? (yes, no) | What alternatives are being sought - what are the benefits/targets? |
|--------------------------------|-------------------------------|--|---|---------------------------------|---|
| Leachate Removal-Disposal | N/A | Removal of Leachate from collection pipes released to sewer for treatment at Woodward Avenue - Reduces the environmental impairment of the groundwater | Yes | Yes | Improvement of collection system to include the north side adjacent to the Red Hill Creek |

ACTIVITY CENTRE # 403401 ACTIVITY: WASTE MANAGEMENT
SUB-ACTIVITY: FORMER LANDFILL - UPPER OTTAWA GAS FLARING OPERATIONS

| Description of product/service | Quantity purchased (per year) | Environmental qualities of current product/service | Alternatives available? (yes, no, not sure) | Any changes for 1995? (yes, no) | What alternatives are being sought - what are the benefits/targets? |
|--------------------------------|-------------------------------|--|---|---------------------------------|---|
| Operating Supplies | Many | Purchase of nitrogen and propane to operate flare - collects and burns methane gas from the landfill site. | No | No | |

POLLUTION PREVENTION CHECKLIST

for the 1995 Current Budget Process

Purchasing Goods & Services in 1995: Staff are encouraged to seek out alternative products and services from year to year. Such changes are not considered to be a new or enhanced program as long as there is no change in the end result (eg. are you still performing the same activity or service?).

ACTIVITY CENTRE #: 403402

ACTIVITY: WASTE MANAGEMENT
SUB-ACTIVITY: FORMER LANDFILL - VARIOUS SITES

List below, all items (goods/services) that are purchased as part of this activity centre and complete the checklist for each. (Use additional sheets if needed):

| Description of product service | Quantity purchased (per year) | Environmental qualities of current product-service | Alternatives available? (yes, no, not sure) | Any changes for 1995? (yes, no) | What alternatives are being sought - what are the benefits targets? |
|--------------------------------|-------------------------------|---|---|---------------------------------|---|
| Operating Supplies | Many | -Rubber gloves, garbage bags, masking tape, - extensive environmental monitoring program for former landfill sites | No | No | |
| Leachate Removal - Disposal | | -Removal of leachate from landfill sites, released to sewers and sent for treatment at Woodward Avenue - Reduces the environmental impairment of ground water | Yes | Yes | Improvements to Brampton Street Landfill site Leachate collection system - increase the quantities of leachate being captured |
| Consulting Services | 1 | To provide working model for leachate collection system at Brampton Site | No | No | |

POLLUTION PREVENTION CHECKLIST

for the 1995 Current Budget Process

Purchasing Goods & Services in 1995: Staff are encouraged to seek out alternative products and services from year to year. Such changes are not considered to be a new or enhanced program as long as there is no change in the end result (eg. are you still performing the same activity or service?).

ACTIVITY CENTRE #: 403700

ACTIVITY: RESIDENTIAL WASTE REDUCTION
SUB-ACTIVITY: RECYCLING PROGRAM

List below, all items (goods/services) that are purchased as part of this activity centre and complete the checklist for each. (Use additional sheets if needed):

| Description of product/service | Quantity purchased (per year) | Environmental qualities of current product/service | Alternatives available? (yes, no, not sure) | Any changes for 1995? (yes, no) | What alternatives are being sought - what are the benefits/targets? |
|---|-------------------------------|---|---|---------------------------------|--|
| Promotional Products - Brochures, posters | 40,000 pieces | Recycled Fibres | Yes | No | More presentations could be made to educate residences but not always feasible |
| Advertising - Newspapers | 12 - 20 per year | Recycled Content | No | No | Radio & TV may be less resource intensive but much more dollars and budgets do not allow the expense |
| Newsletters | 2 per year | Recycled Fibre content | No | No | Radio & TV may be less resource intensive but much more dollars and budgets do not allow the expense |
| Recycling Collection (Blue Box) | 52 weeks | Facilitates material recycling for Region-wide homeowners | Yes | No | Alternative collection methods are being researched |

POLLUTION PREVENTION CHECKLIST

for the 1995 Current Budget Process

Purchasing Goods & Services in 1995: Staff are encouraged to seek out alternative products and services from year to year. Such changes are not considered to be a new or enhanced program as long as there is no change in the end result (eg. are you still performing the same activity or service?).

ACTIVITY CENTRE #: 403701

ACTIVITY: WASTE MANAGEMENT

SUB-ACTIVITY: HOUSEHOLD HAZARDOUS WASTE
(CONTRACTUAL SERVICES & PROMOTION)

List below, all items (goods/services) that are purchased as part of this activity centre and complete the checklist for each. (Use additional sheets if needed):

| Description of product/service | Quantity purchased (per year) | Environmental qualities of current product/service | Alternatives available? (yes, no, not sure) | Any changes for 1995? (yes, no) | What alternatives are being sought - what are the benefits/targets? |
|---|-------------------------------|--|---|---------------------------------|---|
| Provision of Depot for receipt of Household Hazardous Waste | 52 Sat. | Environmental protection via diversion of HHW from Sewer/Waste stream | Yes | No | Reduction in quantity of HHW generated would reduce risks associated with handling of material and would reduce cost burden |
| Citizen's Guide - Newspapers | 2 per year | Education - Proper use of programs and encouragement to use environmental programs - printed on recycled paper | Yes | No | None currently sought |

POLLUTION PREVENTION CHECKLIST

for the 1995 Current Budget Process

Purchasing Goods & Services in 1995: Staff are encouraged to seek out alternative products and services from year to year. Such changes are not considered to be a new or enhanced program as long as there is no change in the end result (eg. are you still performing the same activity or service?).

ACTIVITY CENTRE #: 403800

ACTIVITY: Sewer Use Control
SUB-ACTIVITY: Operating Supplies

List below, all items (goods/services) that are purchased as part of this activity centre and complete the checklist for each. (Use additional sheets if needed):

| Description of product/service | Quantity purchased (per year) | Environmental qualities of current product/service | Alternatives available? (yes, no, not sure) | Any changes for 1995? (yes, no) | What alternatives are being sought - what are the benefits/targets? |
|--------------------------------|-------------------------------|---|---|---------------------------------|---|
| small batteries | approx. 100 | Non-rechargeable | yes | no | - rechargeable batteries would be a method of waste reduction |
| power packs | 4 | Rechargeable | no | no | n/a |
| rubber / cotton gloves | approx. 280 | re-usable - reduces waste | no | no | n/a |
| vinyl gloves | 24 boxes | disposable - creates waste | no | no | n/a |
| coveralls | 500 | disposable - creates waste | no | no | - contract cleaning of non-disposable coveralls through a laundry cleaning services for waste reduction |
| gas detectors | 2 | devices are rechargeable, thereby eliminating waste | no | no | n/a |
| two-way radio | 2 | radios are rechargeable, thereby eliminating waste | no | no | n/a |

POLLUTION PREVENTION CHECKLIST

for the 1995 Current Budget Process

Purchasing Goods & Services in 1995: Staff are encouraged to seek out alternative products and services from year to year. Such changes are not considered to be a new or enhanced program as long as there is no change in the end result (eg. are you still performing the same activity or service?).

ACTIVITY CENTRE #: 403804

ACTIVITY: Waste Management
SUB-ACTIVITY: Industrial Waste/By - Law Enforcement

List below, all items (goods/services) that are purchased as part of this activity centre and complete the checklist for each. (Use additional sheets if needed):

| Description of product/service | Quantity purchased (per year) | Environmental qualities of current product/service | Alternatives available? (yes, no, not sure) | Any changes for 1995? (yes, no) | What alternatives are being sought - what are the benefits/targets? |
|------------------------------------|-------------------------------|--|---|---------------------------------|--|
| Computer anti-glare screens | 2 in 1994 | disposal will have no effect on environment | not sure | no | No alternative being sought |
| Day - Timers | 4 | unknown | not sure | no | n/a |
| printing | 1600 pages | unknown | not sure | no | Alternatives - printing using dry toner |
| Film developing picture laminating | 3 rolls | Black's - waste management in place | no | no | no alternatives being sought - current system the best environmentally |
| Courses/Workshops | 17 | Deal with the environment & its protection | not sure | not sure | no alternatives |

POLLUTION PREVENTION CHECKLIST

for the 1995 Current Budget Process

Purchasing Goods & Services in 1995: Staff are encouraged to seek out alternative products and services from year to year. Such changes are not considered to be a new or enhanced program as long as there is no change in the end result (eg. are you still performing the same activity or service?).

ACTIVITY CENTRE #: 56420-407100

ACTIVITY: STORM - Combined Services

SUB-ACTIVITY: T.V. Inspection

| Description of product/service | Quantity purchased (per year) | Environmental qualities of current product/service | Alternatives available? (yes, no, not sure) | Any changes for 1995? (yes, no) | What alternatives are being sought - what are the benefits/targets? |
|--------------------------------|-------------------------------|--|---|---------------------------------|---|
| CCTV Inspection | 200,000 meters | Identify Sewer Deficiencies | NO | NO | Reduce waste water exfiltration into Environment |
| Sewer Flushing | 30,000 meters | Cleaning of Sewers | YES | NO | Reduce waste water over-flow into Lake/Bay |

ACTIVITY CENTRE #: 56420-406101

ACTIVITY: SANITARY - Combined Services

SUB-ACTIVITY: T.V. Inspection

| Description of product/service | Quantity purchased (per year) | Environmental qualities of current product/service | Alternatives available? (yes, no, not sure) | Any changes for 1995? (yes, no) | What alternatives are being sought - what are the benefits/targets? |
|--------------------------------|-------------------------------|--|---|---------------------------------|---|
| CCTV Inspection | 200,000 meters | Identify Sewer Deficiencies | NO | NO | Reduce waste water exfiltration into environment |
| Sewer Flushing | 30,000 meters | Cleaning of Sewers | YES | NO | Reduce waste water overflow into Lake/Bay |

POLLUTION PREVENTION CHECKLIST

for the 1995 Current Budget Process

Purchasing Goods & Services in 1995: Staff are encouraged to seek out alternative products and services from year to year. Such changes are not considered to be a new or enhanced program as long as there is no change in the end result (eg. are you still performing the same activity or service?).

ACTIVITY CENTRE #: 408001 & 408002

ACTIVITY: INFRASTRUCTURE MAINTENANCE
SUB-ACTIVITY:

List below, all items (goods/services) that are purchased as part of this activity centre and complete the checklist for each. (Use additional sheets if needed):

| Description of product/service | Quantity purchased (per year) | Environmental qualities of current product/service | Alternatives available? (yes, no, not sure) | Any changes for 1995? (yes, no) | What alternatives are being sought - what are the benefits/targets? |
|----------------------------------|-------------------------------|--|---|---------------------------------|--|
| Buildings & Grounds (Electrical) | \$38,600 | Energy consumption | Yes | Yes | Proposed energy conservation items listed in Electrical Energy Audit |
| Garbage Disposal | 5,000 kg | Waste Reduction | Yes | Yes | Wood/ Cardboard disposal tendered to be recycled |
| Scrap Disposal | 150,000 kg | Waste Reduction | No | No | Currently recycle all scrap metals |



1001 Champlain Ave., Suite 400, Burlington, Ontario L7L 5Z4

Telephone 338-4677 (Toronto) 332-2500 (Burlington)

August 29, 1994

The Regional Municipality of Hamilton-Wentworth
Environmental Services Department
35 King Street E, 4th Floor
HAMILTON, Ontario
L8N 4A9

ATTENTION: Beth Goodger
Project Manager, Pollution Prevention Project

RE: ELECTRICAL ENERGY AUDIT AT VICTORIA YARD

Dear Beth:

Enclosed please find the results of our walk through audit done on Thursday, August 25, 1994.

The audit identifies the major areas for saving energy and recommended alternatives. The report is broken down as follows:

1. **Reduces Lighting Use:**

We have found motion detectors to be of great assistance as mentioned. The cost for installation ranges from \$50.00 to \$200.00. Payback is typically 0.5-3 years.

2. **Reduces Hot Water Consumption:**

See recommendations in report. Payback can range from 2-5 years.

3. **Space Heater Control:**

Payback could be as low as 0 years.

4. **Replace Old Refrigerators**

- 2 -

5. Outdoor Lighting:

Payback would be in the 1-2 year range.

6. Dirt Depreciation of Lighting Fixtures

7. Interior Lighting Office Area:

This is probably the greatest area for energy savings. We would recommend a qualified lighting contractor (sample list enclosed) be contacted for a price to convert the existing lamps to a T-8 fluorescent lamp. Paybacks are normally in the 3-5 year range, however, since the lamps need replacement anyways (due to maintenance problems), the payback on the incremental costs would be about one year. I have contacted Steve Barley with the Region and he will be pursuing this further.

8. Exit Sign Retrofit:

Payback would be about 3 years.

9. Interior Lighting Service Area:

See report. Again, a lighting contractor would give the Region a price for the changes. The savings are identified in the report. Payback would be 3-5 years.

In addition to the report, we found that the electric floor heaters for the 5 service bays were still operational through a Gentec Demand Controller. At the time of the audit it appeared 3 were on at an estimated 5 kW each. This would be adding 15 kW to your demand and is clearly an energy waste. Furthermore, the floor heaters are not needed in the Winter, and we would recommend the circuits be completely removed. I have spoken to Steve Barley on this and he will investigate next time he is at the yard.

Please call me at (905) 332-2539 if you have any questions.

Yours truly,

G. Springgay
Guy Springgay
Energy Advisor
Hamilton Field Office

Enc

copy: M. Hodder

- 20 -

Region of Hamilton Wentworth, Energy Audit at Victoria Yard

3

The recommendations put forth are based on an analysis of the conditions observed at the time of the audit. This audit was conducted by Guy Springgay and Doug Howe of Ontario Hydro, as arranged by Karen Veldboom of the Region. This audit identifies several areas with excellent potential in savings of electrical energy particularly in the areas of lighting, which will be expanded upon in this report. The opportunities for saving energy will be presented under various headings which identify the opportunity followed by a prescribed action.

REDUCE LIGHTING USE**Description**

Lights are left on beyond the time actually required.

Action

Reduce lighting hours by the installation of controls in designated areas. The areas such as the mens' and womens' washrooms and change rooms could take advantage of the use of occupancy sensors to control the lights in these areas as well as the exhaust fans in the washrooms. By using occupancy sensors the lights/fans would only be in use during occupied periods and would switch off automatically after a preset time usually a maximum of fifteen minutes. In the area of the washroom where showers and stalls are present, I would suggest the use of a dual sensor which is both ultrasonic and a heat sensor detector.

REDUCE HOT WATER CONSUMPTION**Description**

The electrical hot water tanks are on much longer than required. The flow rate of showers and sink faucets is excessive, causing an energy and water waste.

Action

The hours of usage of the electrical hot water tanks could be reduced with the use of a timer. These tanks could be shut off after the normal working hours, at 4:30 pm, for example and not brought back on until about two hours prior to the start time the next work day. This represents eleven hours of savings per day and with the use of a seven day timer, Saturday and Sunday savings would be increased to twenty-four hours each day. By making this simple change you would be saving over 50% of your electrical hot water costs. By replacing existing shower heads with a low flow energy efficient type as well as installing sink aerators you will be able to further enhance your hot water savings. Additional savings on the hot water tanks can be accomplished by reducing the water temperature to 120 degrees fahrenheit. This is a simple adjustment at the water tank. You would also be wise

Region of Hamilton Wentworth Energy Audit at Victoria Yard

4

to add an insulated tank cover to the hot water tanks as this will keep the water in the tanks warmer for a longer period of time. Particularly if you elect to use a timer to shut off the tanks during unoccupied times. The blanket will help to offset recovery time by keeping the water warmer for a longer time with the added insulation. Pipe insulation and a heat trap on the tank are also further ways to accomplish some additional savings.

SPACE HEATER CONTROL

Description

It was noted on the audit that there is use of auxiliary space heating with electrical baseboard heaters as well as several wall units and one ceiling mount in shipping and receiving. It was also noted that there is no control on any of these heaters. The control knobs have been removed from each heater.

Action

By the installation of thermostats on these devices they can be controlled to function in their desired fashion and at the same time save dollars in terms of consumption. The system has been designed for these perimeter baseboards to come on when the main heating system can not supply the temperature required for the desired comfort level. Then the perimeter heating should come on. The situation that exists now is this perimeter heating could be on all the time depending on what each individual unit is set at. Because your main heating source is forced air gas which is a much more economical heating system it should be utilized to its full potential before bringing on the perimeter heating. In the case of the front entrance and the storage area at the back, again the use of thermostats to control these units will show a substantial savings.

REPLACE OLDER REFRIGERATORS

Description

Energy consumption of old style refrigerators is much higher than the more efficient refrigerators available.

Action

Replace the four older model fridges found throughout your facility with a new energy efficient model. The older style fridge quite often uses in the order of 220 kilowatt hours of electricity per week while the newer models use in the range of 50 to 70 kilowatt hours per week. By putting one new fridge in a central location such as the lunch room you can accomplish energy savings.

Region of Hamilton Wentworth Energy Audit at Victoria Yard

5

OUTDOOR LIGHTINGDescription

Most of the outdoor lighting is Phillips Low Pressure Sodium style, which is very energy efficient. There are two areas where the outdoor lighting could be improved.

Action

The lighting on the storage shed at the back of the property has two five-hundred watt quartz style lamps. These could be replaced with two, one-hundred watt high pressure sodium style lamps. This lamp replacement would accomplish a \$260.00 per year energy savings based on a reduction of .74 of a kilowatt for 12 hours per day for a year based at a cost of .07 per kilowatt hour.

There is also two 150 par style flood lamps at the back of the shipping and receiving door. They were found to be on at the time of the audit and are switched on with the interior lights. These lights should be replaced with a hundred watt high pressure sodium flood lamp mounted over the door controlled by a photo cell to ensure this lamp is not left on when not required.

DIRT DEPRECIATION OF LIGHTING FIXTURESDescription

The designed light levels are currently not being emitted by the existing lighting fixtures due to a high level of dirt depreciation on the fixtures and lenses.

Action

By cleaning the light fixtures reflective covering and the lenses cover you will increase the level of light output by the fixtures.

INTERIOR LIGHTING OFFICE AREADescription

The interior lighting could be retrofitted with a much more energy efficient style of fluorescent lamp and ballast.

08/29/94 14:01 FAX 9053320322

ONTARIO HYDRO

0007/009

Region of Hamilton Wentworth, Energy Audit at Victoria Yard

6

Action

The entire office fluorescent lighting could be retrofitted with the more efficient style T8 four-foot fluorescent lamp combined with electronic ballasts. Retrofitting simply means a lamp and ballast change. The lamp sockets themselves are compatible with the T8 lamp. If you preferred fixture replacement, new fixtures are available with the T8 lamp and electronic ballasts. When selecting an electronic ballast you should consider the ballasts with the lowest wattage available which will only increase your energy savings. This fixture retrofit alone can account for a 35% savings in your lighting costs. At the same time the T8 lamp offers a much better colour rendering than the lamp currently in use, as well the electronic ballast will eliminate any lamp flicker.

You currently have 77 four-lamp fixtures with a total demand of 14.32 kilowatts. By changing these fixtures to T8 your new demand or energy consumption would be in the order of 8.77 kilowatts. This savings of 5.55 kilowatts represents a dollar savings of \$800.00 per year based on eight hours per day, five days a week with a charge of seven cents per kilowatt hour.

EXIT LAMP RETROFITDescription

All exit lights could be retrofitted with a more efficient lamp.

Action

The audit identified 18 exit light fixtures on site. These fixtures could be retrofitted with a much more efficient lamp source. They are currently using two lamps at 15 watts each. The replacement lamp could be a 7 watt compact fluorescent lamp which when including ballasts consumes 9 watts of power and will last ten times longer than the incandescent lamp currently in use. Other options exist for exit sign retrofit such as l.e.d. style lamps and I would encourage you to investigate these options.

INTERIOR LIGHTING SERVICE AREADescription

The service area bays are currently lit with two lamp eight foot fixtures that are high output fixtures. Because the service area is heated you may want to explore the option of not using a high output style fixture. A high output would be normally used in a cold area to ensure a cold lamp start. Because this service area is heated you may find you don't require this style of fixture. By eliminating the high output there is a saving of 80 watts per fixture.

Region of Hamilton Wentworth, Energy Audit at Victoria Yard

7

You currently have a total of 63 of this style of fixture in your service areas.

Action

I would like to offer you two other options for your service area. One would be to replace the existing lamps and ballasts with eight foot T8 lamps and electronic ballasts, similar to what was prescribed for your office area only in the eight foot tubes.

The preferred choice because of ceiling height and the dirt depreciation of the current fixtures would be to do a complete lighting redesign using low bay metal halide lamps. Your typical service bay now uses 18 of the two lamp eight foot fixtures. These would be replaced with 6, four-hundred watt metal halide lamps. This would represent a savings of about 2.0 kW per bay and substantially improve your lighting levels as well as reducing your maintenance costs. These redesign projections are offered as guidelines to possible savings that could be accomplished and would have to be supported by actual manufacturers calculations.

SCHEDULE "E"
ENVIRONMENTAL SERVICES
DEPARTMENT

1995
MANDATED INITIATIVES

**ENVIRONMENTAL
SERVICES
DEPARTMENT**

**1995
CURRENT
BUDGET**

ONE TIME ITEMS

*ENVIRONMENTAL SERVICES DEPARTMENT
SUMMARY OF ONE-TIME ITEMS
1995 CURRENT BUDGET*

| <u>Section</u> | <u>Item Description</u> | <u>Cost</u> |
|------------------|---|-------------|
| Fleet Management | Update of Fuel System | \$97,260 |
| Waste Management | Solid Waste Management System Infrastructure Maintenance and Repair – Structural | 224,000 |
| Waste Management | Comprehensive Environmental Monitoring Program for the Open and Closed Landfills within the Region | 29,300 |
| Waste Management | Glanbrook Leachate System – Investigation | 75,000 |
| Waste Management | Upper Ottawa Street Landfill System Maintenance | 15,450 |
| | | <hr/> |
| | Total One-Time Items | \$441,010 |
| | | <hr/> |

ONE-TIME ITEM FORM

1. Department: Environmental Services Department

2. Description of One-Time Item: Fleet Management (Update of Fuel System)

3. Justification for One-Time Item:

Mandated to comply with the new Regulations and Code under the Gasoline Handling Act (copy attached). If the fuel storage, safety and pumping systems are not updated, we will not be able to dispense fuel at any of the following locations: Ancaster, Kilbride, Millgrove, Rocton, Dundas, Stoney Creek and Victoria Avenue.

4. 1995 Costs

Proposed
1995 Costs

Description of Expenditures

| | |
|---------------------------------|-----------|
| - Pressure Tests | 5,200.00 |
| - Spill Containment | 11,800.00 |
| - Overfill Protection | 7,910.00 |
| - Under Pump Containment | 11,900.00 |
| - Relocating Pumps | 24,000.00 |
| - Vapour Recovery | 2,450.00 |
| - New Pumps (6x \$3000.00) | 18,000.00 |
| - Ticket Printers (6x \$550.00) | 3,300.00 |
| - Contingency | 12,700.00 |

\$97,260.00

Recoveries

| | |
|--|-------------|
| - Subsidies | |
| - Other Possible Recoveries (ie, salvage value) | <u>0.00</u> |
| | <u>0.00</u> |

Net Impact

\$97,260.00

Ministry of
Consumer and
Commercial Relations

Ministère de
la Consommation
et du Commerce

Technical Standards Division
3300 Bloor Street West, West Tower
Etobicoke ON M8X 2X4
Fax: 416/326-8248

Division des normes techniques
3300, rue Bloor ouest, Tour ouest
Etobicoke ON M8X 2X4
416/326-

Fuels Safety Branch
FSB fax: 416-234-6037

416-234-6030

September 1993

REGULATORY BULLETIN

NEW REGULATION AND CODE UNDER THE GASOLINE HANDLING ACT

O.Reg. 532, R.R.O. 1990 as revoked by O.Reg. 521/93

This is to advise you of a new Regulation and Code under the Gasoline Handling Act.

The Regulation contains the administrative provisions and fees, and adopts the Code which contains the technical requirements. This is consistent with other Regulations and Codes the Fuels Safety Branch administers.

The Code changes mainly relate to requirements for underground and aboveground fuel storage tanks. The changes arise from concerns about the safety and environmental hazards caused by leaks and spills from these tanks.

The following are the significant changes in the new Code effective September 1, 1993.

Underground Storage Tanks

1. Effective November 1, 1993 all new underground fuel storage tanks and piping are to be double wall, complete with interstitial space monitoring, internal overfill protection, and spill containment devices at the tanks and under the pumps.
2. Existing underground facilities with a submersible pump not presently equipped with a leak detection system shall be equipped with an approved leak detection system by December 31, 1995.
3. Single wall piping is allowed where suction pumps are used, providing a check valve is used immediately under the pump and there are no other restrictions to the tank.
4. All existing underground tanks are to be upgraded by the installation of internal overfill protection and spill containment devices at the tanks and under the pumps by December 31, 1996.
5. In addition to item (3), existing upgraded steel underground tanks, installed prior to May 1, 1974, require monitoring wells and impressed current cathodic protection in addition to item (3.) by December 31, 1996.
6. Existing steel unprotected underground tanks at bulk plants and steel unprotected underground tanks for used oil storage shall be replaced by December 31, 1995.
7. Multi-compartment underground fuel storage tanks are allowed provided that the tank is used for the same class of product. The compartments themselves must be double walled.

8. Larger underground storage tanks are allowed at retail outlets as follows:

| | <u>Capacity (litres)</u> | |
|------------------|--------------------------|----------|
| | Existing | New Code |
| Individual Tanks | 50,000 | 100,000 |
| Total Capacity | 250,000 | 500,000 |

9. Other approved methods for testing of underground tanks and pipelines are allowed in addition to pressure testing: for example vacuum testing, product displacement, and ultrasonics.

Aboveground Storage Tanks

1. All new dikes for aboveground tanks are required to meet strict permeability requirements. All existing dikes will be required to meet the new permeability requirements by December 31, 2000.
2. All new aboveground storage tanks in excess of 5000 litre capacity are required to be diked. Existing storage tanks in excess of 5000 litres will have to be diked by December 31, 2000.
3. Inspection requirements for aboveground tanks are introduced.
4. Aboveground tanks with self contained diking systems are allowed.
5. Up to 2500 litres of aboveground storage tankage is allowed for storing used oil at retail outlets.
6. Overfill protection and high level alarms are required for new aboveground fuel storage tanks at bulk plants. All existing bulk plants will be required to be upgraded with this equipment by December 31, 2000.

Other

1. A new section is included for environmental remediation. The "Guidelines for the Remediation of Petroleum Contamination at Operating Facilities in Ontario, May 1992" is adopted in the new Code.
2. Drawings for all facilities are to be approved by the Branch. Presently drawings for full service outlets and private fuel facilities are not subject to approval. As an alternative, drawings stamped by a professional engineer will not have to be submitted to the Fuels Safety Branch, provided a signed document to that effect is sent to the Branch.
3. Oxygenated fuel components such as methanol and ethanol are allowed.
4. Minimum octane ratings for gasolines must be posted at retail outlets, marinas, and cardlocks.
5. Tighter inventory control is required at all facilities (certified electronic equipment is allowed).
6. Requirements for the training of operators, maintenance of records, product identification, verification of cathodic protection systems, and general streamlining of the running of facilities have been included to reflect the growing concern for safety and the environment.
7. Effective September 2, 1993, there were changes in the fees.

General

A new document which includes the Gasoline Handling Act, the Regulation made under the Gasoline Handling Act and the Gasoline Handling Code is expected to be available by late October as follows:

For Mail Orders:

Publications Ontario
50 Grosvenor
Toronto ON M7A 1N8
Phone: (326-5300 Toronto area)
(1-800-668-9938 outside of Toronto)

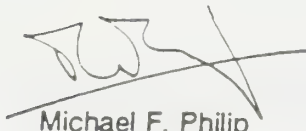
For direct pick-up:

The Ontario Government Book Store
Ground Floor
880 Bay Street
Toronto ON M7A 1N8

Information on certified equipment is available from the Underwriters Laboratories of Canada, (416) 757-3611.

If you have any questions or require further information, please call Mr. Brenton Gill at (416) 234-6043 or Mr. John Gerdels at (416) 234-6040.

Yours truly,



Michael F. Philip
Director

Fuels Safety Branch Fee Increases

Effective September 1993, Fees under the *Energy Act* and *Gasoline Handling Act* are as follows (for hourly fees, the minimum charge is one hour):

\$

Licences and renewals

| | |
|---|--------|
| Retail outlets (full serve, self-serve, marinas, key/card lock) | 155 |
| Propane cylinder handling plant | 90 |
| Propane filling plants up to 1,125 USWG | 90 |
| > 1,125 USWG (per gal) | 8¢ |
| Propane tanker truck/cargo liner | 105 |
| Gasoline transporter | 105 |
| Propane/natural gas vehicle labels, pkg 10 | 100 |
| Oil pipelines, distribution | 500 |
| Oil pipelines, transmission < 20 km/length | 25,000 |
| Gas transmission pipelines not > 14,000,000 m3 | 5,000 |
| > 14,000,000 m3 | 25,000 |
| Gas distribution pipelines not > 14,000 m3 | nil |
| > 14,000 m3 but > 280,000 m3 | 50 |
| > 280,000 m3, not > 2,280,000 m3 | 500 |
| > 2,280,000 m3, not > 1,000,000,000 m3 | 5,000 |
| > 1,000,000,000 m3 | 75,000 |
| Bulk plants < 350,000 litres | 210 |
| 360,000 - 2,299,999 litres | 1,050 |
| 2,300,000 litres or more | 2,100 |

Other services

| | |
|--|-----|
| Engineering services, per hour (design reviews, deviation requests, site remediation, consultations) | 130 |
| Inspections, per hour (prelicence and audit inspections) | 120 |
| Trade certification, renewals | 50 |
| Contractor registration, renewal | 210 |
| Duplicate/replacement licence, registration, certificate, ea. | 15 |
| Change of name/address, ea. | 15 |

Augmentation des droits

Direction de la sécurité des combustibles

À compter du septembre, 1993 les droits perçus en vertu de la *Loi sur les hydrocarbures* et la *Loi sur la manutention de l'essence* seront les suivants (tarif horaire min. 1 heure) :

\$

Permis ou renouvellement

| | |
|---|---------|
| Point de vente (avec service, libre-service, clé/carte-accès, marina) | 155 |
| Installation de manutention de bouteilles de propane | 90 |
| Station de distribution de propane jusqu'à 1 125 gallons US | 90 |
| plus de 1 125 gallons US, par gallon | 0.08 \$ |
| Camion-citerne/cargo de ligne transport au propane | 105 |
| Transporter de l'essence | 105 |
| Étiquettes pour véhicules au propane/gaz (paquet de 10) | 100 |
| Oléoducs, distribution | 500 |
| Oléoducs, transmission < 20 km de longueur | 25 000 |
| Gazoducs, transmission 14,000,000 m3 ou moins | 5 000 |
| > 14,000,000 m3 | 25 000 |
| Gazoducs, distribution 14,000 m3 ou moins | nil |
| > 14,000 m3 mais > 280,000 m3 | 50 |
| > 280,000 m3, mais > 2,280,000 m3 | 500 |
| > 2,280,000 m3, mais > 1,000,000,000 m3 | 5 000 |
| > 1,000,000,000 m3 | 75 000 |
| Installation de stockage en vrac < 350,000 litres | 210 |
| entre 360,000 et 2,299,999 litres | 1 050 |
| 2,300,000 litres et plus | 2 100 |

Autres services

| | |
|---|-----|
| Services d'ingénierie, tarif horaire (examen de projet, demande de dérogation, assainissement de lieu, consultation) | 130 |
| Inspections, tarif horaire (inspection préalable à la délivrance d'un permis; inspection périodique) | 120 |
| Demande, renouvellement d'accréditation professionnelle | 50 |
| Inscription, renouvellement de l'inscription d'un entrepreneur | 210 |
| Attestation de permis, d'accréditation ou d'inscription changement de nom ou d'adresse | 15 |
| double/remplacement | 15 |



Ontario

Ministry of
Consumer and
Commercial
Relations

Branch News Bulletin

Fuels Safety Branch

Autumn 1993

Propane cylinder exchange facilities

Gasoline service stations and marinas selling or exchanging propane cylinders are required to have a licence under the Energy Act to operate a cylinder exchange facility.

Call (416) 234-6033 for a licence application.

Planning a move or change of name?

We can't issue renewals or update you on technical requirements if we can't find you. Regulations require you to notify the Branch of name and address changes. Ownership changes involve a new application. Please add our Branch to your business contacts list. Thanks.

Branch streamlines operations, realigns fees

Historically, the Fuels Safety Branch has recovered only 60% of its operating costs through fees. The general tax payer has picked up the rest of the tab. Government has directed the Branch to reach full cost recovery by 1994/95. The Branch has launched a four-part program to meet this target.

- ✓ *Reduce costs by trimming management, pooling resources and working smarter.* This operational overhaul is well underway.
- ✓ *Charge users for services that were previously "free" -- that is, subsidized by the general tax payer.* For example, businesses applying for a variance from a code will now pay for the engineering and inspection costs.
- ✓ *Eliminate unnecessary regulatory and enforcement costs to clients.* Focus on operators, equipment and industry sectors which present higher safety risks, and charge fees accordingly. For example, the average operator could be audited once every five to eight years, while the trouble spots

will be audited far more frequently and pay higher fees.

- ✓ *Realign or increase fees so each fuel sector pays its fair share of regulatory costs.* Not all services can be directly charged to a specific user: for example, code writing costs. These costs have been allocated based on estimates of Branch resources used in each fuel sector.

A fee schedule summary is included with this mailing.

Over time, using improved computer systems, total fee recovery for each sector should be close to the resources used to regulate that sector.

Industry advisory committees have met with Branch management over the past two years to help refocus the Branch's operations. Industry has confirmed the Branch's importance as a safety regulator.

Through the advisory and technical committees, industry will continue to have input on where our presence is most needed, and where new technology has overtaken regulations.



GASOLINE HANDLING ACT UPDATE

The following are the significant changes in the new code effective September 1, 1993.

Underground Storage Tanks

- 1) Effective November 1, 1993 all new underground fuel storage tanks and piping are to be double wall, complete with interstitial space monitoring, internal overfill, and spill containment devices at the tanks and under the pumps.
- 2) Existing underground facilities with a submersible pump not presently equipped with a leak detection system shall be equipped with an approved leak detection system by December 31, 1995.
- 3) Single wall piping is allowed where suction pumps are used, providing a check valve is used immediately under the pump and there are no other restrictions to the tank.
- 4) All existing underground tanks are to be upgraded by the installation of internal overfill protection and spill containment devices at the tanks and under the pumps by December 31, 1996.
- 5) In addition to item (3), existing upgraded steel underground tanks, installed prior to May 1, 1974, require monitoring wells and impressed current cathodic protection in addition to item (3), by December 31, 1996.
- 6) Existing steel unprotected underground tanks at bulk plants and steel unprotected underground tanks for used oil storage shall be replaced by December 31, 1995.
- 7) Multi-compartment underground fuel storage tanks are allowed provided that the tank is used for the same class of product. The compartment themselves must be double walled.
- 8) Larger underground storage tanks are allowed at retail outlets as follows:

Capacity (liters)

| | Existing | New Code |
|------------------|----------------|----------------|
| Individual Tanks | 50,000 Liters | 100,000 Liters |
| Total Capacity | 250,000 Liters | 500,000 Liters |

- 9) Other approved methods for testing of underground tanks and pipelines are allowed in addition to pressure testing: for example vacuum testing, product displacement and ultrasonics.

4151 MORRIS DR. UNIT #4
BURLINGTON, ONTARIO
L7L 5L5

TEL: (905) 333-6604
FAX (905) 634-0554

Aboveground Storage Tanks

- 1) All new dikes for above ground tanks are required to meet strict permeability requirement. All existing dikes will be required to the new permeability requirements by December 31, 2000.
- 2) All new aboveground storage tanks in excess of 5000 liter capacity are required to be diked. Existing storage tanks in excess of 5000 liters will have to be diked by December 21, 2000.
- 3) Inspection requirements for aboveground tanks are introduced.
- 4) Aboveground tanks with self contained diking systems are allowed.
- 5) Up to 2500 liters of aboveground storage tankage is allowed for storing used oil at retail outlets.
- 6) Overfill protection and high level alarms are required for new aboveground fuel storage tanks at bulk plants. All existing bulk plants will be required to be upgraded with this equipment by December 31, 2000.

Other

- 1) A new section is included for environmental remediation. the "Guidelines for the Remediation of Petroleum Contamination at Operating Facilities in Ontario, May 1992" is adopted in the new Code.
- 2) Drawings for all facilities are to be approved by the Branch. Presently drawings for full service outlets and private fuel facilities are not subject to approval. As an alternative, drawings stamped by a professional engineer will not have to be submitted to the Fuel Safety Branch, provided a signed document to that effect is sent to the Branch.
- 3) Oxygenated fuel components such as methanol and ethanol are allowed.
- 4) Minimum octane ratings for gasolines must be posted at retail outlets, marinas, and cardlocks.
- 5) Tighter inventory control is required at all facilities (certified electronic equipment is allowed).
- 6) Requirements for the training of operators, maintenance of records, product identification, verification of cathodic protection systems, and general streamlining of the running of facilities have been included to reflect the growing concern for safety and the environment.

7) Effective September 2, 1993, there were changes in the fees.

Waterline is a complete environmental service company providing;

- * *Secondary Contained Aboveground Tanks for liquid product dispensing or waste storage.*
- * *Solid and Liquid waste removal.*
- * *Underwriters Laboratories of Canada certificate for underground tank testing.*
- * *Phase 1, 2 & 3 site audits.*
- * *Removal of Underground Storage Tanks licensed by Fuel & Safety and the Ministry of the Environment.*
- * *Impressed current systems supplied and installed.*

ONE-TIME ITEM FORM

1. Department: Environmental Services Department
2. Description of One-Time Item: Waste Management - Solid Waste Management System
Infrastructure Maintenance and Repair - Structural

3. Justification for One-Time Item:

Repair and maintenance of the structures is required for the commencement of the 1996 Full Service Waste Management Contract. Restoration of the facilities will provide an important reference point for contractual negotiations. If the structural repairs are not performed at the facilities, continued deterioration will result in costly future repairs.

4. 1995 Costs

Proposed
1995 Costs

Description of Expenditures

Consulting Services:

Glanbrook Landfill Site Building:

| | |
|---|----------|
| Floor Trench Relocation | \$6,000 |
| Localized Metallic Aggregate Topping | \$12,000 |
| Floor coating/Joint Repair in Remaining Garage Area | \$40,000 |

Mountain Transfer Station:

| | |
|---------------------------------|----------|
| Tipping Floor Slab Repairs | \$40,000 |
| Tipping Floor Roof Drain Repair | \$5,000 |
| Asphalt Paving | \$15,000 |

Dundas Transfer Station:

| | |
|----------------------------|----------|
| North Side Regrading | \$5,000 |
| Tipping Floor Slab Repairs | \$25,000 |
| Precast Wall Caulking | \$3,000 |
| Roof/Drainage Repairs | \$5,000 |
| Scrub Wall Repairs | \$4,500 |

Kenora Transfer Station:

| | |
|-----------------------|----------|
| Precast Wall Caulking | \$4,000 |
| Roof Leak Repairs | \$4,000 |
| Scrub Wall Repairs | \$12,000 |

Cont'd...

| | |
|---|----------|
| Solid Waste Reduction Unit: (SWARU) | |
| Basement Crack Epoxy Injection | \$500 |
| Overhead Door Sliding/Frame Repairs | \$1,000 |
| New Column Protection at Tipping Floor | \$8,000 |
| Scrub Wall Repairs at Tipping Floor | \$2,500 |
| Concrete Repair at Boiler Stack | \$1,500 |
| Ferrous Storage Building Walls and Painting | \$10,000 |

| | |
|--------------------|----------|
| Engineering Costs: | \$20,000 |
|--------------------|----------|

| | |
|--------------------------|------------------|
| TOTAL EXPENDITURES | <u>\$224,000</u> |
| (Costs include GST @ 3%) | |

Recoveries

| | |
|-----------------------------|---------------|
| - Subsidies | |
| - Other Possible Recoveries | |
| (ie, salvage value) | <u>\$0.00</u> |

| | |
|----------------|---------------|
| TOTAL REVENUES | <u>\$0.00</u> |
|----------------|---------------|

| | |
|------------|-------------------------|
| NET IMPACT | <u><u>\$224,000</u></u> |
|------------|-------------------------|

CB-12

SUMMARY - SOLID WASTE DISPOSAL FACILITIES REPORT

The following figures were obtained from the report prepared by Group Eight Engineering Limited for the Regional Municipality of Hamilton-Wentworth.

Glanbrook Landfill Site Building

| | |
|--|--------------|
| Floor Trench Relocation | \$ 6,000.00 |
| Localized Metallic Aggregate Topping (@ \$30.00/ft. ²) | \$ 12,000.00 |
| Floor coating/Joint Repair in Remaining Garage Area (@ \$10.00/ft. ²) | \$40,000.00 |
| Total Construction Repair Costs | \$58,000.00 |

The estimated repair costs above are further explained on page 6 of the Solid Waste Disposal Facilities Report.

Mountain Transfer Station

| | |
|---------------------------------------|-------------|
| Tipping Floor Slab Repairs | \$40,000.00 |
| Tipping Floor Roof Drain Repair | \$ 5,000.00 |
| Asphalt Paving | \$15,000.00 |
| Total Construction Repair Costs | \$60,000.00 |

These estimated repair costs are of those recommended repairs to the facility concluded on page 13.

Dundas Transfer Station

| | |
|---------------------------------------|-------------|
| North Side Regrading | \$ 5,000.00 |
| Tipping Floor Slab Repairs | \$25,000.00 |
| Precast Wall caulking | \$ 3,000.00 |
| Roof/Drainage Repairs | \$ 5,000.00 |
| Scrub Wall Repairs | \$ 4 500.00 |
| Total Construction Repair Costs | \$42,500.00 |

An explanation for these repairs can be found on page 21 of the Solid Waste Disposal Facilities report.

Kenora Transfer Station

| | |
|---------------------------------------|--------------------|
| Precast Wall Caulking | \$ 4,000.00 |
| Roof Leak Repairs | \$ 4,000.00 |
| Scrub Wall Repairs | <u>\$12,000.00</u> |
| Total Construction Repair Costs | \$20,000.00 |

An explanation for the repairs costs above can be found on page 28 of the Solid Waste Disposal Facilities Report.

Solid Waste Reduction Unit (S.W.A.R.U.)

| | |
|---|--------------------|
| Basement Crack Epoxy Injection | \$ 500.00 |
| Overhead Door Siding/Frame Repairs | \$ 1,000.00 |
| New Column Protection at Tipping Floor | \$ 8,000.00 |
| Scrub Wall Repairs at Tipping Floor | \$ 2,500.00 |
| Concrete Repair at Boiler Stack | \$ 1,500.00 |
| Ferrous Storage Building Walls and Painting | <u>\$10,000.00</u> |
| Total Construction Repair Cost | \$23,500.00 |

The estimated constructions costs for S.W.A.R.U. can be found on page 39 of the Solid Waste Disposal Facilities Report.

TOTAL COSTS TO REPAIR ALL REGIONAL FACILITIES \$204,000.00

+ 20,000 Engineering
Costs
\$ 224,000.00

Please note that the above repair estimates do not include "the provision of engineering tender documents and specification preparation which would be required to properly outline the required remedial work."

ONE-TIME ITEM FORM

1. Department: Environmental Services Department
2. Description of One-Time Item: Waste Management - Comprehensive Environmental Monitoring Program for the Open & Closed Landfills within the Region

3. Justification for One-Time Item:

To ensure long term consistency and meaningful results from the Monitoring Program at each of the open and closed landfills within the Region. The monitoring report has been developed in coordination with the Region's Solid Waste Subcommittee of the Chairman's Advisory Committee on Environmental issues and the MOEE. These recommendations have been adopted by Council.

4. 1995 Costs

Proposed
1995 Costs

Description of Expenditures -

Regional Maintenance:

Survey of existing monitoring wells and leachate sampling \$23,000

Equipment:

Electronic Water Level Indicator \$800

Peristaltic Pump \$1,500

Operating Supplies:

Silicon tubing, Waterra Foot Valves, Field Filters \$4,000

TOTAL EXPENDITURES

\$29,300

Recoveries

- Subsidies

- Other Possible Recoveries

(ie, salvage value)

\$0.00

TOTAL REVENUES

\$0.00

NET IMPACT

\$29,300

8. **Catharine Street/Ferguson Avenue - Combined Sewer Overflow (CSO) Facility (ENV 94-109)**
 - a) That the Commissioner of Transportation/Environmental Services be authorized and directed to engage Thorburn Penny Consulting Engineers to provide engineering services for the design and construction of the Catharine Street/Ferguson Avenue CSO underground facility, subject to the preparation of a work program and fee schedule acceptable to the Commissioner of Transportation/ Environmental Services;
 - b) That the Regional Chairman and Regional Clerk be authorized and directed to execute the engineering agreement, in a form satisfactory to the Commissioner of Legal Services. **Item 4.8**
9. **White Goods Collection and CFC Removal Demonstration Project - City of Hamilton Request for Postponement (ENV 94-094)**
 - a) That a copy of Report ENV 94-094 respecting the White Goods Collection and CFC Removal Demonstration Project - City of Hamilton Request for Postponement, be forwarded to the City of Hamilton Transport and Environment Committee;
 - b) That the City of Hamilton be requested to participate in the White Goods Collection and CFC Removal Demonstration Project in 1994. **Item 4.10**
10. **1993 Post Audit Comments Memorandum from Ernst & Young (FIN 94-055)**

That the recommendations outlined in Report FIN 94-055 respecting the 1993 Post Audit Comments Memorandum from Ernst & Young, be implemented. **Item 4.11**
11. **Development of a Comprehensive Environmental Monitoring Program for the Open and Closed Landfills within the Regional Municipality of Hamilton-Wentworth (ENV 94-105)**
 - a) That the Commissioner of Transportation/Environmental Services be authorized and directed to submit a copy of the new "Environmental Monitoring Program for Open and Closed Landfill Sites Under Regional Jurisdiction" to the Ministry of Environment and Energy for their comments and approval;
 - b) That upon receiving approval from the Ministry of Environment and Energy, the Commissioner of Transportation/Environmental Services be authorized and directed to develop an appropriate scheduling and financing strategy;
 - c) That the financing capital and operating strategy be considered as part of the 1995 Budget process. **Item 4.12**

APPENDIX A

Cost Estimate for Implementation of Recommendations

APPENDIX A
Cost Estimate for Additional Work at the Region's Landfills
REGIONAL MUNICIPALITY OF HAMILTON-WENTWORTH

| Landfill | Recommendations | Cost Estimate |
|---------------|---|---------------|
| ANCASTER | - implement a hydrogeological investigation of the Phase I landfill | \$30,000 |
| | - repair existing monitoring wells at the Phase II Landfill and install protective casing | \$3,000 |
| | - elevation and coordinate survey at existing monitoring wells and methane monitors | \$1,000 |
| | - leachate sample analysis | \$1,500 |
| | TOTAL | \$35,500 |
| BEVERLY | - install approximately three bedrock wells downgradient of the landfill | \$10,000 |
| | - install protective casing around existing monitoring wells | \$1,000 |
| | - install clay cover or geotextile | variable |
| | - test pitting program to delineate landfill limits | \$5,000 |
| | - survey reference elevations and location coordinates for existing and proposed monitoring wells | \$2,000 |
| | - leachate sample analysis | \$1,500 |
| | TOTAL | \$19,500 |
| BINBROOK | - test pitting program to delineate landfill limits | \$5,000 |
| | - leachate sample analysis | \$1,500 |
| | TOTAL | \$6,500 |
| BRAMPTON | - slope stability investigation for the northern flank of the landfill along the Red Hill Creek | \$10,000 |
| | - extension of sanitary sewers to leachate break-out area | variable |
| | - clay cover or geotextile (optional) | variable |
| | - gas monitoring (along west side) | \$5,000 |
| | - test pitting program to delineate landfill limits | \$5,000 |
| | - leachate sample analysis | \$1,500 |
| | TOTAL | \$21,500 |
| DUNDAS | - a hydrogeological investigation of the East Landfill and analysis | \$20,000 |
| | - methane monitor installation near residences located along York Road (if required) | \$5,000 |
| | - survey location coordinates for methane monitors around Arena | \$1,000 |
| | - methane venting or barrier along Olympic Drive service trenches | \$5,000 |
| | TOTAL | \$31,000 |
| EDGEWOOD | - hydrogeological investigation and sample analysis | \$20,000 |
| | - test pitting program to delineate landfill limits | \$5,000 |
| | TOTAL | \$25,000 |
| GLANFORD | - test pitting program to delineate landfill limits | \$5,000 |
| STONE CREEK | - locating and abandoning monitoring nests OW1 and OW3 | \$3,000 |
| | - install monitoring wells (approximately four shallow and four deep monitoring wells) and analysis | \$20,000 |
| | - test pitting program to delineate landfill limits | \$5,000 |
| | TOTAL | \$28,000 |
| WEST HAMILTON | - abandon selected existing monitoring wells and methane monitors (approximately 20 wells) | \$20,000 |
| | - survey reference elevations and locations coordinates for remaining monitoring wells | \$1,000 |
| | TOTAL | \$21,000 |
| UPPER OTTAWA | - locate and abandon existing Gartner Lee monitoring wells (approximately 10 wells) and others as required | \$15,000 |
| | - repair and survey existing multi-level monitoring wells MP1-87 to MP4-87 and University of Waterloo multi-level wells | \$15,000 |
| | - Slope Stability Inspection and repair | variable |
| | - Maintenance of Leachate Collection system | \$5,000 |
| | TOTAL | \$35,000 |
| GLANBROOK | - locate and abandon monitoring wells 22, 25-IV and 27-II | \$10,000 |
| | - repair existing monitoring wells and replace well 22-I, 22-II and 27-II and gas monitor GM-1 and GM-6 | \$5,000 |
| | - install new monitoring at far northeast corner of landfill | \$5,000 |
| | - install new gas monitors at far northeast corner of landfill | \$5,000 |
| | - survey reference elevations and location coordinates for monitoring wells and all existing methane monitors | \$2,000 |
| | - maintenance of leachate collection system | \$5,000 |
| | TOTAL | \$32,000 |

APPENDIX A - (Continued)
 Cost Estimates for Additional Monitoring Equipment
 REGIONAL MUNICIPALITY OF HAMILTON-WENTWORTH

| General Items | Cost Estimate |
|---|----------------|
| Electronic Water Level Indicator (Solinst Model 102 or similar unit) | \$800 |
| Peristaltic Pump (Geotech Series II or similar unit) | \$1,500 |
| Miscellaneous (i.e. silicon tubing for peristaltic pump, Waterra foot valves, polyethylene tubing) | \$2,500 /year |
| Optional items (i.e. field filters and filtering equipment) | \$1,500 /year |
| | Total: \$6,300 |
| TOTAL ESTIMATE (APPENDIX A) | |
| | \$266,300 |

Note: Cost estimates are in 1993 dollars.
 Some estimates are shown as variable due to the difficulty in
 identifying the source of clay cover or the full extent of the work at this time

\\go83938\reports\ba2.xls

ONE-TIME ITEM FORM

1. Department: Environmental Services Department
2. Description of One-Time Item: Glanbrook Leachate System - Investigation
3. Justification for One-Time Item:

Video Inspection, cleaning and repair of the leachate collection system at the Glanbrook Landfill Site must take place. Problems have been experienced with leakage of leachate collection system, routine flushing and examination is required. Deterioration of the leachate collection system could result in a substantial environment catastrophe, with the introduction of leachate into either the ground water or surface water.

4. 1995 Costs

Proposed
1995 Costs

Description of Expenditures - 403100

Consulting Services * \$75,000

TOTAL EXPENDITURES \$75,000

* Verbal Cost estimate provided by Robert Tait, Principal Engineer, Proctor & Redfern

Recoveries

- Subsidies
- Other Possible Recoveries
(ie, salvage value) \$0.00

TOTAL REVENUES \$0.00

NET IMPACT \$75,000

CB-12

ONE-TIME ITEM FORM

1. Department: Environmental Services Department
2. Description of One-Time Item: Waste Management - Upper Ottawa Street Landfill System Maintenance

3. Justification for One-Time Item:

Repair and maintenance of the Gas Flare will prevent costly repairs to the system in the future. Maintenance and repair of the flare will permit efficiency and minimal stress on the system, while enhancing flow rates and combustion. Failure of the gas flare will result in large quantities of methane gas escaping from the landfill site into the environment.

4. 1995 Costs

Proposed
1995 Costs

Description of Expenditures - 403401

Consulting Services:

| | |
|---|---------|
| Repair and Replace Electrical & Alarm Systems: | \$500 |
| Replace Flare: | \$4,000 |
| Repair Mechanical and Pneumatic Valve Safety System: | \$5,000 |
| Cap Landfill vents | \$750 |
| Repair Electrical doors | \$1,000 |
| Adjust flow rate and balance well field for gas system | \$1,500 |
| On-site logs for all Upper Ottawa Landfill Flare Maintenance Work | \$250 |
| Engineering costs | \$2,000 |

| | |
|------------|----------|
| TOTAL | \$15,000 |
| GST (@ 3%) | \$450 |

TOTAL EXPENDITURES \$15,450

Recoveries

| | |
|--|---------------|
| - Subsidies | |
| - Other Possible Recoveries (ie, salvage value) | <u>\$0.00</u> |

TOTAL REVENUES \$0.00

NET IMPACT -19- \$15,450

TABLE 1.0

UPPER OTTAWA STREET LANDFILL
FLARE SYSTEM MAINTENANCE

| <i>Description of Work</i> | <i>Status</i> | <i>Estimated Cost</i> |
|---|---------------|-----------------------|
| ELECTRICAL & ALARM SYSTEMS | | |
| i) replace two cover plates at emergency shut-off valve | S | - |
| ii) provide name plate for entry alarm disable switch | S | - |
| iii) provide set of electrical schematics | S | - |
| iv) replace light cover for MSA control panel | S | \$ 500.00* |
| FLARE | | |
| i) replace sight glass on the flare | L | - |
| ii) sandblast and repaint the dampers and top section of the flare | L | \$ 4,000.00* |
| MECHANICAL AND PNEUMATIC VALVE SAFETY SYSTEM | | |
| i) reconnect sanitary discharge line from emergency eyewash station (c/w valve) | S | - |
| ii) repair insulation on the propane supply line | S | - |
| iii) insulate pneumatic shut-off valve (c/w electrical heat tracing) | S | - |
| iv) replace automatic cross-over valve with standard valve | S | \$ 5,000.00* |
| MISCELLANEOUS | | |
| i) cap landfill vents | S | \$ 750.00 |
| ii) repair electrical doors to electrical and blower rooms | L | \$ 1,000.00 |
| iii) adjust flow rate and balance well field for gas system. | S | \$ 1,500.00 |
| iv) have available on-site logs for all Upper Ottawa St. Landfill flare maintenance work. | S | \$ 250.00 |
| ENGINEERING | | <u>\$ 2,000.00</u> |
| Subtotal | | \$ 15,000.00 |
| GST | | <u>\$ 1,050.00</u> |
| TOTAL | | <u>\$ 16,050.00</u> |

Note:

* - denotes total cost for section

S - items requiring attention in the short term

L - items requiring attention in the near future

**ENVIRONMENTAL
SERVICES
DEPARTMENT**

**1995
CURRENT
BUDGET**

**PROGRAM
ENHANCEMENTS**

ENVIRONMENTAL SERVICES DEPARTMENT
SUMMARY OF PROGRAM ENHANCEMENTS
1995 CURRENT BUDGET

| New / Enhanced | Origin | Section | Item Description | 1995 Net Cost | Annual Net Cost |
|---------------------------|----------|------------------|---|---------------------|-----------------------|
| Enhanced | Mandated | Waste Management | Recycling Program (additional 20,000 apartment units) | 422,460 | 422,460 |
| Total General Levy Impact | | | | 422,460 | 422,460 |

ENVIRONMENTAL SERVICES DEPARTMENT
CURRENT BUDGET: NEW / ENHANCED PROJECT - 1995

PROGRAM: RECYCLING PROGRAM

TITLE OF PROJECT: EXPANDED PROGRAM (+ 20,000 APT. UNITS)

ORIGIN: (Provide Backup)
(Please circle one)

MANDATED

COUNCIL

DEPARTMENT

NEW OR ENHANCED PROJECT: (CIRCLE ONE)

If Enhanced, Present Centre #: 403700

Is this expenditure required because we have installed or purchased
a Capital Item?

Y

N

If yes, Capital Project Description:

DESCRIPTION OF PROJECT:

TO EXPAND COLLECTION SERVICE TO ANY APARTMENT BUILDING OF 6 UNITS OR MORE, HAVING MUNICIPAL
GARBAGE COLLECTION. ESTIMATES ARE THAT THERE ARE 20,000 UNITS WHICH MAY REQUEST MUNICIPAL
RECYCLING COLLECTION SERVICE.

WHY DO YOU NEED THIS NEW/ENHANCED PROJECT?

ONTARIO REGULATION 101/94 MANDATES THE COLLECTION OF RECYCLABLES WHERE MUNICIPAL WASTE
IS COLLECTED BY MUNICIPALITIES. ONTARIO REGULATION 103/94 MANDATES THE OWNERS OF APARTMENT
BUILDINGS (6+ UNITS) TO IMPLEMENT A SOURCE SEPARATION PROGRAM. THEREFORE THE DEMAND FOR
COLLECTION SERVICE WILL INCREASE TO POSSIBLE 20,000 ADDITIONAL UNITS. COMPLIANCE DEADLINE
IS MARCH 1995.

WHAT HAPPENS (CONSEQUENCES) IF WE DON'T SPEND THIS MONEY?

THE REGION WOULD BE IN VIOLATION OF THE RELEVANT CLAUSES OF ONTARIO REGULATIONS 101/94
AND 103/94.

ENVIRONMENTAL SERVICES DEPARTMENT
CURRENT BUDGET: NEW / ENHANCED PROJECT - 1995

- Page 2 -

PROGRAM COST INFORMATION:

| COST ITEMS: | (A) 1994 Budget for This Project * | (B) Annual Cost of New/Enhanced Project ** |
|-----------------------------|---|---|
| 1) 51906 PROF./MEMB. DUES | \$0 | \$615 |
| 2) 56319 PROMOTION | \$12,000 | \$11,000 |
| 3) 56901 CONTRACT FEE | \$3,134,000 | (\$13,684) (See Attached) |
| 4) 53901 OPERATING SUPPLIES | \$20,000 | (\$11,000) |
| 5) 57001 STAFF TRAVEL EXP. | \$1,500 | \$0 |
| TOTAL COSTS | \$3,167,500 | (\$13,069) |
| REVENUE ITEMS: | | |
| 1) 43411 MOEE | \$1,573,580 | (\$423,140) (See Attached) |
| 2) 43535 OMMRI | \$87,690 | (\$87,690) |
| 3) 46001 RENTALS / LEASE | \$253,900 | \$75,300 |
| 4) | | |
| TOTAL REVENUES | \$1,915,170 | (\$435,530) |
| NET COST | \$1,252,330 | \$422,461 |

WHEN WILL THIS PROJECT BE STARTED? JANUARY 1, 1995

IF NOT JANUARY 1, WHAT WILL YOU SPEND IN 1995?

| Cost Items: | How much will you spend in 1995? |
|-------------|-------------------------------------|
| 1) _____ | _____ |
| 2) _____ | _____ |
| 3) _____ | _____ |
| 4) _____ | _____ |
| Total Cost | |

| Revenue Items: | How much will you receive in 1995? |
|----------------|---------------------------------------|
| 1) _____ | _____ |
| 2) _____ | _____ |
| 3) _____ | _____ |
| 4) _____ | _____ |
| Total Revenue | |
| Net Cost | |

* This will only exist if this is an "enhancement" to an existing project.
** Provide backup if you can, on how you determined these amounts.

PROGRAM: THIRD SECTOR RECYCLING

ACCOUNT

NUMBER DESCRIPTION

403700 EXPENDITURES

Wages & Benefits

| | 1994 BUDGET | 1995 EXISTING | \$ VARIANCE |
|-------------------|--------------------|------------------|------------------|
| Hourly Wages | \$1,680,000 | 1,766,000 | (86,000) |
| Administration | \$246,000 | 248,500 | (2,500) |
| Employee Benefits | \$520,000 | 655,921 | (135,921) |
| | <u>\$2,446,000</u> | <u>2,670,421</u> | <u>(224,421)</u> |

Equipment & Services:

| | | | |
|--|--------------------|--------------------|--------------------|
| Process Equipment Repair & Maintenance | \$125,000 | 160,000 | (35,000) |
| Mobile Equipment Repair & Maintenance | \$250,000 | 293,000 | (43,000) |
| Materials and Supplies | \$270,000 | 355,000 | (85,000) |
| Telephone & Postage | \$12,000 | 10,000 | 2,000 |
| Office Supplies | \$11,000 | 11,000 | 0 |
| Equipment Rental – Region | \$253,900 | 329,200 | (75,300) |
| Equipment Rental – Other | \$207,000 | 214,300 | (7,300) |
| Building Rental | \$205,000 | 205,000 | 0 |
| Insurance | \$125,000 | 122,000 | 3,000 |
| Professional Services | \$35,000 | 40,000 | (5,000) |
| Bank Charges | \$10,000 | 10,000 | 0 |
| Equipment Amortization | \$46,000 | 4,600 | 41,400 |
| Miscellaneous | \$12,000 | 8,500 | 3,500 |
| Purchased Labour | \$180,000 | 187,200 | (7,200) |
| G.S.T. Paid on Purchases | \$0 | 0 | 0 |
| Sub-Contractor | \$46,000 | 46,000 | 0 |
| | <u>\$1,787,900</u> | <u>\$1,995,800</u> | <u>(\$207,900)</u> |

| | | | |
|-----------------------------|--------------------|--------------------|--------------------|
| TOTAL GROSS OPERATING COSTS | <u>\$4,233,900</u> | <u>\$4,666,221</u> | <u>(\$432,321)</u> |
|-----------------------------|--------------------|--------------------|--------------------|

| | | | |
|-----------|----------------------|----------------------|----------------|
| REVENUES: | <u>(\$1,100,000)</u> | <u>(\$1,545,905)</u> | <u>445,905</u> |
|-----------|----------------------|----------------------|----------------|

| | | | |
|---------------------------|--------------------|--------------------|---------------|
| TOTAL NET OPERATING COSTS | <u>\$3,134,000</u> | <u>\$3,120,316</u> | <u>13,684</u> |
|---------------------------|--------------------|--------------------|---------------|

| | | | |
|---------|---------------|---------------|--------------|
| Tonnes: | <u>24,000</u> | <u>20,500</u> | <u>3,500</u> |
|---------|---------------|---------------|--------------|

1995 EXISTING COLUMN INCLUDES:

Additional Apartment Units – Gross Operating Costs are increasing, however, Revenues are also increasing. Net impact is a reduction to the contract in the amount of \$13,684.

1995 MOEE FUNDING CALCULATION: ADDITIONAL APARTMENT UNITS (20,000)

| | |
|-------------------------------|----------------|
| REGIONAL SALARIES FOR 1995 | \$237,600.00 |
| REGIONAL BENEFITS FOR 1995 | \$47,500.00 |
| REGIONAL WCB CHARGES FOR 1995 | \$2,400.00 |
| OPERATING SUPPLIES | \$9,000.00 |
| THIRD SECTOR GROSS COSTS | \$4,666,221.00 |

\$4,962,721.00

TOTAL COSTS:

| | |
|--------------------------|----------------|
| LESS: PROJECTED REVENUES | \$1,545,905.00 |
|--------------------------|----------------|

TOTAL COSTS: \$3,416,816.00

| | |
|----------------------------------|----------------|
| 1/3 MOEE FUNDING OF TOTAL COSTS: | \$1,138,934.67 |
|----------------------------------|----------------|

| | |
|---------------------------------|-------------|
| PLUS: 50% OF PROMOTIONAL COSTS: | \$11,500.00 |
|---------------------------------|-------------|

\$1,150,434.67

DIFFERENCE FROM 1994:

\$1,573,580 – \$1,150,440

= \$423,140

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